Illustrated Parts Manual

Models
E300AJ
E300AJP

SN 0300138358
TO PRESENT

3121254

October 6, 2014

ANSI

CE

An Oshkosh Corporation Company

REVISION LOG

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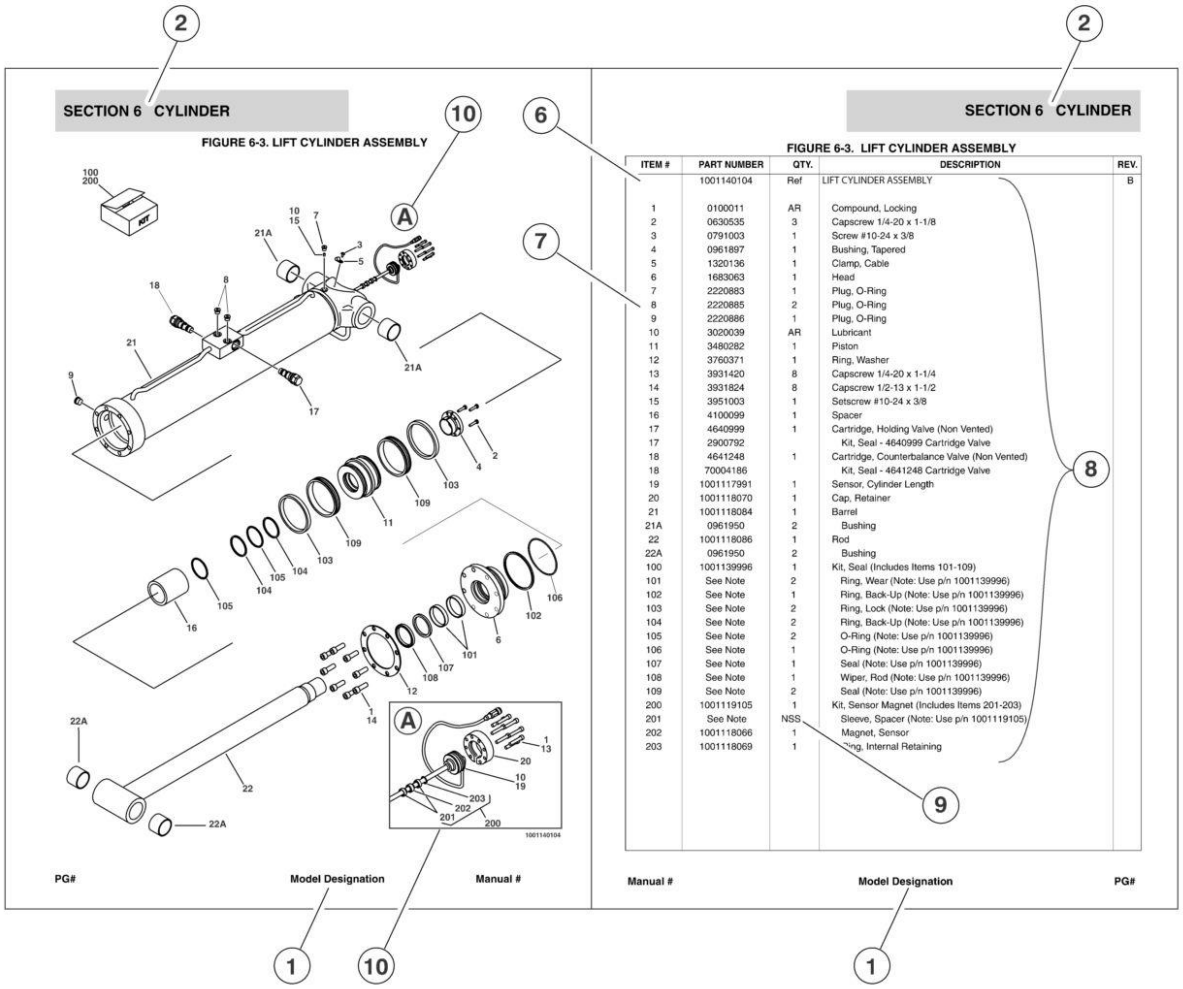
GENERAL INFORMATION



ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001140104	Ref	LIFT CYLINDER ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	0630535	3	Capscrew 1/4-20 x 1-1/8	
3	0791003	1	Screw #10-24 x 3/8	
4	0961897	1	Bushing, Tapered	
5	1320136	1	Clamp, Cable	
6	1683063	1	Head	
7	2220883	1	Plug, O-Ring	
8	2220885	2	Plug, O-Ring	
9	2220886	1	Plug, O-Ring	
10	3020039	AR	Lubricant	
11	3480282	1	Piston	
12	3760371	1	Ring, Washer	
13	3931420	8	Capscrew 1/4-20 x 1-1/4	
14	3931824	8	Capscrew 1/2-13 x 1-1/2	
15	3951003	1	Setscrew #10-24 x 3/8	
16	4100099	1	Spacer	
17	4640999	1	Cartridge, Holding Valve (Non Vented)	
17	2900792		Kit, Seal - 4640999 Cartridge Valve	
18	4641248	1	Cartridge, Counterbalance Valve (Non Vented)	
18	70004186		Kit, Seal - 4641248 Cartridge Valve	
19	1001117991	1	Sensor, Cylinder Length	
20	1001118070	1	Cap, Retainer	
21	1001118084	1	Barrel	
21A	0961950	2	Bushing	
22	1001118086	1	Rod	
22A	0961950	2	Bushing	
100	1001139996	1	Kit, Seal (Includes Items 101-109)	
101	See Note	2	Ring, Wear (Note: Use p/n 1001139996)	
102	See Note	1	Ring, Back-Up (Note: Use p/n 1001139996)	
103	See Note	2	Ring, Lock (Note: Use p/n 1001139996)	
104	See Note	2	Ring, Back-Up (Note: Use p/n 1001139996)	
105	See Note	2	O-Ring (Note: Use p/n 1001139996)	
106	See Note	1	O-Ring (Note: Use p/n 1001139996)	
107	See Note	1	Seal (Note: Use p/n 1001139996)	
108	See Note	1	Wiper, Rod (Note: Use p/n 1001139996)	
109	See Note	2	Seal (Note: Use p/n 1001139996)	
200	1001119105	1	Kit, Sensor Magnet (Includes Items 201-203)	
201	See Note	NSS	Sleeve, Spacer (Note: Use p/n 1001119105)	
202	1001118066	1	Magnet, Sensor	
203	1001118069	1	Ring, Internal Retaining	

1) MACHINE IDENTIFICATION
Machines are identified by model and in some cases a combination of models, serial number (SN) or redional standard (i.e ANSI, CE,CSA). Components may also be identified by SN or manufacturer. common components that may be identified by these characteristics are engines and hydraulic components.

2) PARTS MANUAL ORGANIZATION
Product informationin this manual is organized under section titles. Frame, Cylinder, Hydraulic and Electrical are a few examples. Each section is organized by figure and page number. The information within the Figure is then organized by item number, part number, description and corresponding illustration (s).

3) TABLE OF CONTENTS
A table of contents is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

4) RECOMMENDED SPARE PARTS
The Recommended Spare Parts, located near the end of the manual, referance most frequently used maintenance parts.

5) PART NUMBER INDEX
A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

6) NON-SERVICED PARTS

In sone instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations ther will be a Ref in the Qty column. In case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) or NLA (No Longer Available) listed in the Qty. column of the manual.

7) PARTS LIST ITEM NUMBERS

Numbers shown in the item# column correspond to numbers used in theassociated illustration (s). Item numbers which are mising from the sequence inthe parts list are not used on that page

8) INDENTED PARTS DESCRIPTION

An indented part description is included in the item under which it is indented.

9) ABB REVIATION AND SYMBOLS

AC ..... Alternating Current
ADE. ..... .Advanced Design Electronics
ANSI ..... .American National Standards Institute
AR.. ....As Required
ASSY ..... Assembly
AUX... ....Auxiliary
AWG ....American WireGauge
B/M. ..... Bill of Material
CE.. ....European Conformity
CCW ..... .Counter Clockwise
cm. ..... Centimeter
CW ..... .Clockwise
CSA. ....Canadian Standards Association
CYL... ....Cylinder
DIA. ..... Diameter
DC ..... .Direct Current
EMS ..... Emergency Stop
ENG ..... .Engine
FT(ft).. ....Feet
GA(Ga).. ..... .Gauge
HYD ..... Hydraulic
Hz.. ..... Hertz
ID. ..... .Inside Diameter
in... ..... .inches
ISO..... ..International Organization for Standards
JIC..... .Joint Industry Council
KG ..... .Kilogram
L.. ....Liter
LB ....Pounds

LCD ..... Liquid Crystal Display
LED ..... Light Emitting Diodes
LH... ..... Left Hand
LSS ..... .Load Sensing System
M(m)... ..... Metric/Meter
MM (mm) ....Milimeter
mA. ..... Miliamps
NLA..... .....No Longer Available
NPT ..... National Pipe Threads
NSS ....Not Sold Separately
OD. ....Outside Diameter
ORB ..... O-Ring Boss
ORFS ..... O-Ring Face Seal
OZ (oz). ..... .Ounces
PG ..... .Page
P/N. ....Part Number
qt. ....Quarts
QTY. ..... .Quantity
REF ..... .Reference
REV ....Revision Level
RH... ..... Right Hand
SAE..... ..... Society of Automotive Engineers
SN.. ....Serial Number
SPEC(S)..... .....Specifications
T/T. ....Turntable
UGM ....Universal Ground Module
V. ....Volts
W... ..... Watts
#... ..... Number

10) ILLUSTRATION REFERANCE LETTERS

When necessary, illustrations may contain referance letters that are intended to track information (i. e. hoses, harnesses) from one point to another or to track visual enlargement of components to show details that may be located in another area on the illustration.

Note: Due to continuous product improvements, JLG Industries, Inc. reserves the right to make specification changes without prior notification. Contact JLG Industries, Inc. for updated information.

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SECTION 1 - FRAME

FIGURE 1-1. STEER INSTALLATION

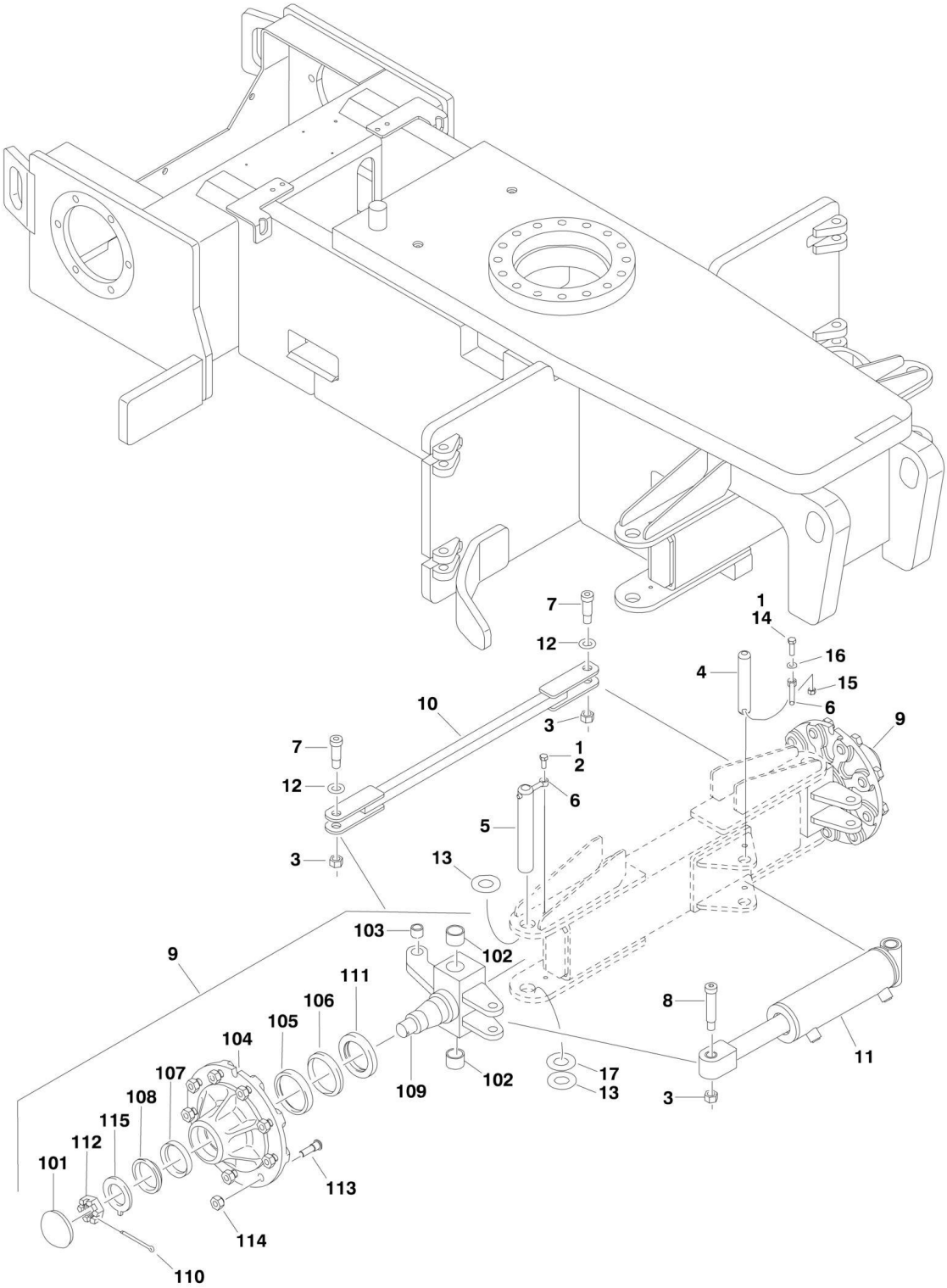


FIGURE 1-1. STEER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108599	Ref	**STEER INSTALLATION**	C
1	0100011	AR	Compound, Locking	
2	0641607	2	Bolt 3/8in-16NC x 7/8in	
3	3312005	3	Locknut 5/8in-11NC	
4	3422181	1	Pin	
5	3422562	2	Pin	
6	3841143	3	Keeper, Pin	
7	3900118	2	Screw, Shoulder	
8	3900255	1	Capscrew, Shoulder 3/4in x 3in	
9	1001107712	2	Hub/Spindle Assembly (See Items 101-115 for Breakdown)	
10	1001107727	1	Tie-Rod	
11	1001108310	1	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
12	4740086	2	Thrustwasher	
13	0440162	4	Thrustwasher	
14	0641610	1	Bolt 3/8in-16NC x 1-1/4in	
15	3311605	1	Locknut 3/8in-16NC	
16	4711600	1	Flatwasher 3/8in Thin	
17	1001151428	AR	Plate, Shim **(SN 0300176716 to Present)**	
	1001107712	Ref	**HUB/SPINDLE ASSEMBLY**	A
		Ref	**Note: Qty shown is for 1 Hub Assembly. Machine requires 2 assemblies.**	
101	7020137	1	Cap, Dust	
102	0961951	2	Bushing, Garmax	
103	0962140	1	Bearing, Garmax	
104	70002434	1	Hub	
105	7020036	1	Cup, Bearing (Inner) (Part of Item 104)	
106	7020037	1	Cone, Bearing (Inner)	
107	7020038	1	Cup, Bearing (Outer) (Part of Item 104)	
108	7020039	1	Cone, Bearing (Outer)	
109	70002435	1	Spindle	
110	7020140	1	Pin, Cotter	
111	7020040	1	Seal	
112	7020054	1	Nut, Castle 1-1/4in-12	
113	7020041	9	Stud 5/8in-18NF	
114	7020042	9	Lugnut 5/8in-18NF	
115	7020055	1	Washer, Tanged 1-1/4in	

FIGURE 1-2. TIRE AND WHEEL DRIVE INSTALLATION

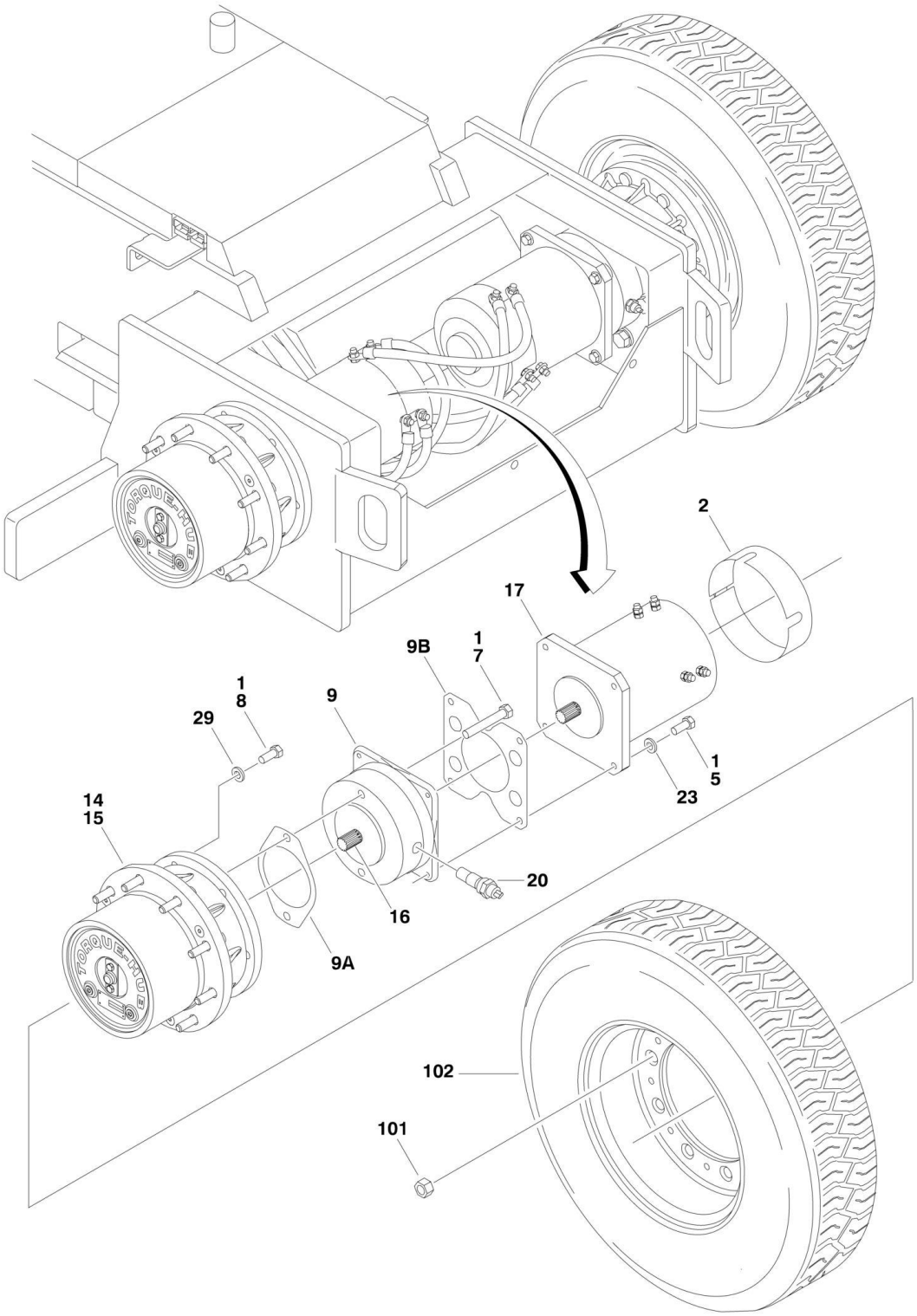


FIGURE 1-2. TIRE AND WHEEL DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**WHEEL DRIVE INSTALLATION OPTIONS:**	
	1001109430	Ref	**Standard Spec**	F
	1001109431	Ref	**UL Spec**	H
1	0100019	AR	Compound, Locking	
2	0340047	2	Band, Motor (UL Spec Only)	
5	0641609	8	Bolt 3/8in-16NC x 1-1/8in	
7	0641826	4	Bolt 1/2in-13NC x 3-1/2in	
8	0682012	12	Bolt 5/8in-11NC x 1-1/2in **(SN 0300113683 through 0300138358)**	
9	0920113	2	Drive Brake Assembly	
9	0920113	2	Ring, Sensor (1 Per Assembly) (was p/n 7027275 which is no longer available. Replace Complete Brake.)	
9	7007977	2	Ring, Bearing Retaining (Large) (1 per Assembly)	
9	7011716	2	Ring, Bearing Retaining (Small) (1 per Assembly)	
9	7007913	4	Bolt	
9	7011757	2	Complete Repair Kit (Includes Case and Oil Seals, O-Rings, Back-Up Rings, Stator and Rotor Discs, Return Plate, Springs, Bearing and Brake To Hub Gasket) (1 Per Assembly)	
9	2900768	2	Bearing Kit (1 per Assembly)	
9	7007900	2	Seal, Oil - Front (1 per Assembly)	
9A	7007933	2	Gasket (1 Per Assembly)	
9B	70002408	2	Gasket, Brake to Motor (1 Per Assembly) (Not Included in Repair Kit)	
14	2780282	2	Drive Hub Assembly (See DRIVE HUB ASSEMBLY for Breakdown)	
15	3020008	AR	Lubricant, Mobilube HD 80W-90	
16	3020037	AR	Lube, Coupling Grease	
17	3160237	2	Drive Motor Assembly (See DRIVE MOTOR ASSEMBLY for Breakdown)	
20	3990105	2	Speed Sensor Assembly	
23	4711600	8	Flatwasher 3/8in Thin	
29	4892000	12	Flatwasher 5/8in Hardened	
	0258986	Ref	**TIRE AND WHEEL INSTALLATION**	C
101	3300106	18	Lugnut	
102	1001110772	4	Tire and Wheel Assembly	

FIGURE 1-3. DRIVE HUB ASSEMBLY

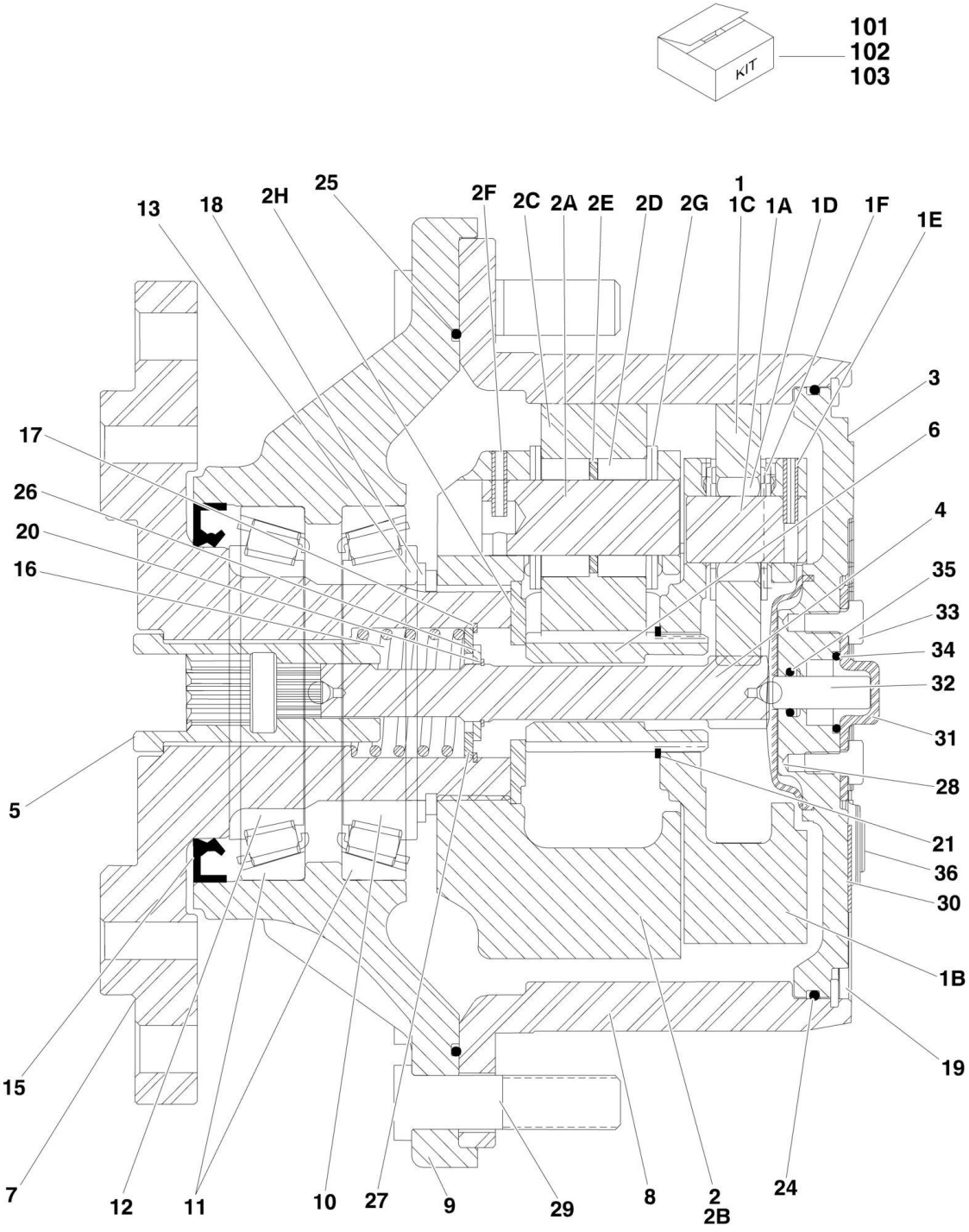


FIGURE 1-3. DRIVE HUB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780282	Ref	**DRIVE HUB ASSEMBLY**	B
1	70001366	1	Carrier, Sub Assembly (Purchase p/n 70001366 for items 1A-1F)	
1A	70001366	3	Shaft, Planet	
1B	70001366	1	Carrier	
1C	70001366	3	Gear, Planet	
1D	70001366	42	Bearing, Needle	
1E	70001366	3	Pin, Roll	
1F	70001366	6	Thrustwasher	
2	70001367	1	Carrier, Input (Purchase p/n 70001367 for items 2A-2H)	
2A	70001367	3	Shaft, Planet	
2B	70001367	1	Carrier	
2C	70001367	3	Gear, Planet	
2D	70001367	84	Bearing, Needle	
2E	70001367	3	Spacer, Thrust	
2F	70001367	3	Pin, Roll	
2G	70001367	12	Thrustwasher	
2H	70001367	1	Thrustwasher	
3	70001368	1	Cover	
4	70001369	1	Shaft, Input	
5	70001370	1	Coupling	
6	70001371	1	Shaft, Sun Gear	
7	70001372	1	Spindle	
8	70001373	1	Gear, Ring	
9	2780282	1	Housing	
10	7017007	1	Bearing, Tapered-Cone	
11	7017007	2	Bearing, Tapered-Cup	
12	7017007	1	Bearing, Tapered-Cone	
13	7017009	1	Thrustwasher	
15	70001380	1	Seal, Lip	
16	70001374	1	Spring	
17	70001375	1	Ring, Retaining (Internal)	
18	70001380	1	Ring, Retaining (External)	
19	7024738	1	Ring, Retaining (Internal)	
20	70001376	1	Ring, Retaining (External)	
21	70001377	1	Ring, Retaining (External)	
22	7000281	4	Screw (Not Shown - ID plate screws)	
23	7017022	3	Bolt, Flathead (Not Shown - Located on front of hub)	
24	70001380	1	O-Ring	
25	70001380	1	O-Ring	
26	70001378	1	Spacer, Thrust	
27	70001379	1	Thrustwasher	
28	7024741	1	Spacer, Thrust	
29	7007640	9	Stud, Wheel	
30	70001368	1	Flange, Plate	
31	70001368	1	Cap, Disengage	
32	70001368	1	Pin, Dowel	
33	70001368	2	Bolt	
34	70001368	1	O-Ring	
35	70001368	1	O-Ring	
36	70001368	1	Plug	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Kit Options**	
101	7017007	1	Planet Gear Bearing Kit (Includes Items 10-12)	
102	70001380	1	Planet Gear Seal Kit (Includes Items 15, 18, 24 & 25)	
103	70001368	1	Cap/Disengage Kit (Includes Items 30-36)	

FIGURE 1-4. DRIVE MOTOR ASSEMBLY

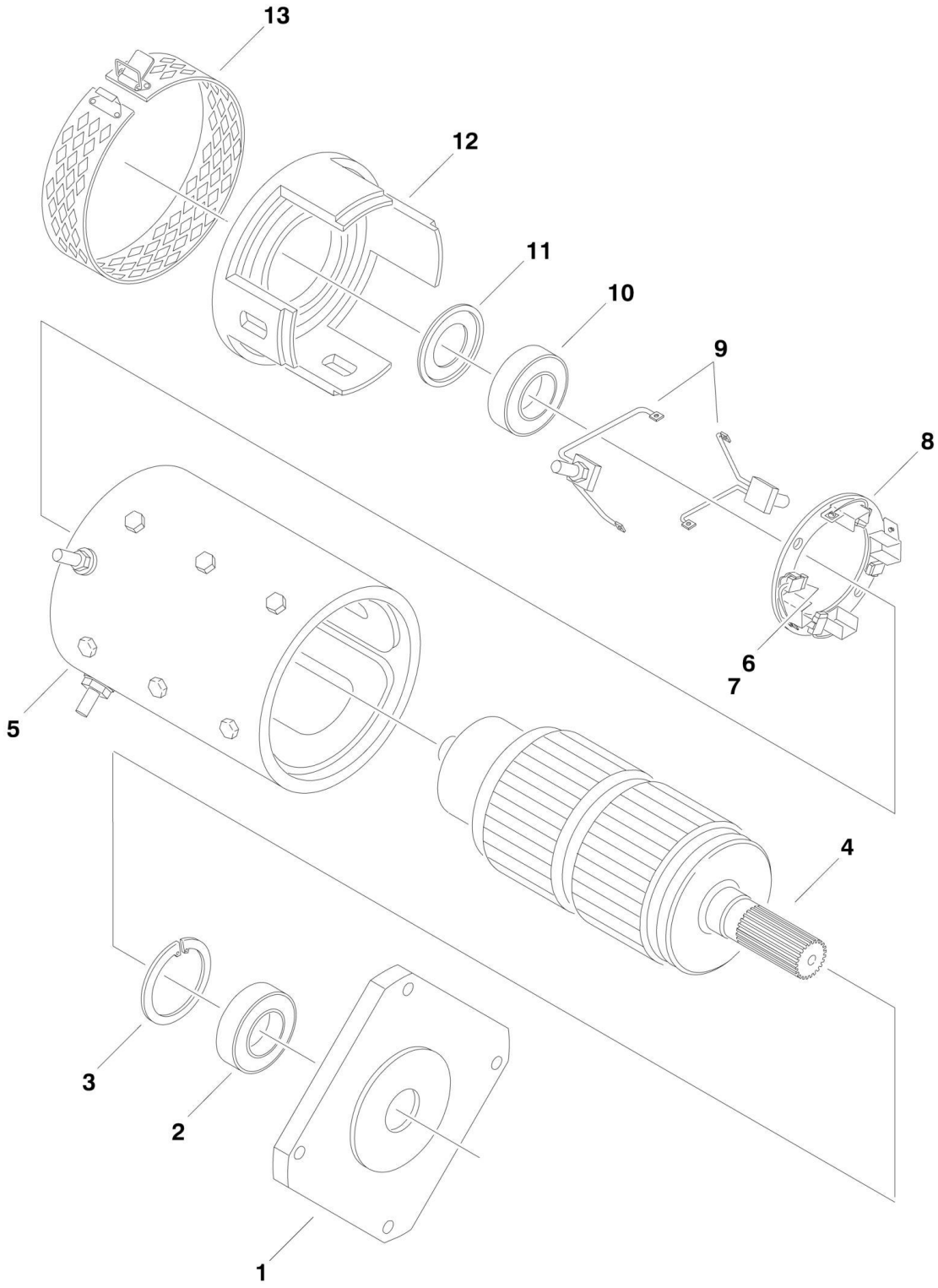


FIGURE 1-4. DRIVE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160237	Ref	**DRIVE MOTOR ASSEMBLY**	E
1	7020184	1	Plate, Drive End	
2	7012545	1	Bearing	
3	7020185	1	Ring, Retaining	
4	3160237	1	Armature	
5	3160237	1	Frame and Field Assembly	
6	7012548	4	Spring, Brush	
7	7020149	4	Brush	
8	7020150	1	Holder, Brush	
9	7020151	2	Brush Lead Assembly Kit	
10	7012545	1	Bearing	
11	7012549	1	Washer, Wavy	
12	7020189	1	End, Commutator	
13	7019609	1	Headband Assembly	

FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATION (FRAME MOUNTED)

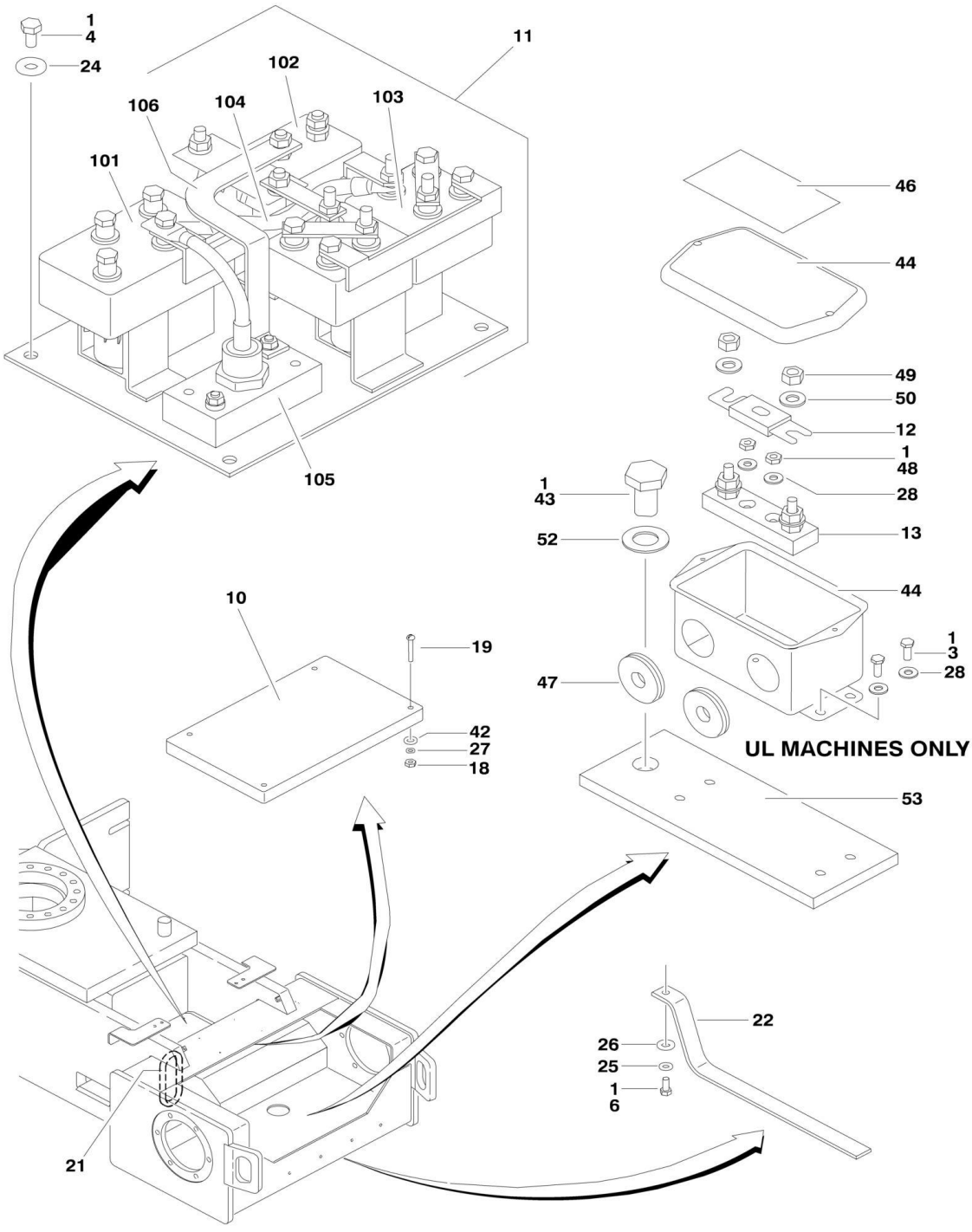


FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATION (FRAME MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**ELECTRICAL COMPONENTS INSTALLATION**	
	1001109430	Ref	**Standard Spec**	F
	1001109431	Ref	**UL Spec**	H
1	0100019	AR	Compound, Locking	
3	0721003	2	Screw #10-24NC x 3/8in (UL Spec Only)	
4	0641504	4	Bolt 5/16in-18NC x 3/4in	
6	0641610	1	Bolt 3/8in-16NC x 1-1/4in	
10	1600293	1	Module (Note: Calibration is required when replaced)	
11		Ref	Contactor Plate Assembly Options (See Items 101 to 106 for Breakdown):	
11	1600294	1	Standard Spec	
11	1600300	1	UL Spec	
12	2400062	1	Fuse, 300 Amp (UL Spec Only)	
13	2400044	1	Holder, Fuse (UL Spec Only)	
18	3310601	4	Nut #6-32NC	
19	3910628	4	Screw #6-32NC x 1-3/4in	
21	4060807	14 in/36cm	Shield, Flex Trim	
22	4240084	1	Strap, Anti-Static	
24	4751500	4	Flatwasher 5/16in Regular	
25	4751600	1	Flatwasher 3/8in Regular	
26	4752200	1	Flatwasher 3/4in Regular	
27	4760600	4	Lockwasher #6	
28	4751000	2	Flatwasher #10 Regular	
41		Ref	Drive Cable System Cables Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	
41	2901818	1	Standard Spec	
41	2901864	1	UL Spec	
42	4750600	4	Flatwasher #6 Regular	
43	0642208	1	Bolt 3/4in-10NC x 1in	
44	0861375	1	Box	
46	1704712	1	Decal - 300 Amp Fuse	
47	2540037	2	Grommet	
48	3311001	2	Nut #10-24NC	
49	3311501	2	Nut 5/16in-18NC	
50	4711500	4	Flatwasher 5/16in Thin	
52	4712200	1	Flatwasher 3/4in Thin	
53	1001116273	1	Bracket	
		Ref	**CONTACTOR PLATE ASSEMBLY**	
	1600294	Ref	**Standard Spec**	
	1600300	Ref	**UL Spec**	
		Ref	Harness, Contactor Options (Not Shown) (See ELECTRICAL SECTION for Breakdown):	
	7022003	1	Standard Spec	
	7022008	1	UL Spec	
	7022004	1	Harness, Posi-Track Contactor (Not Shown) (See ELECTRICAL SECTION for Breakdown)	
	7022005	1	Harness, Shunt (Not Shown) (See ELECTRICAL SECTION for Breakdown)	
101		Ref	Contactor, FWD / REV Options:	
101	7022002	1	Standard Spec	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	7022007	1	UL Spec	
102		Ref	Contactor, Main Options:	
102	7022001	1	Standard Spec	
102	7022009	1	UL Spec	
103		Ref	Contactor, Posi-Track Options:	
103	7022000	1	Standard Spec	
103	7022010	2	UL Spec	
104	7022012	1	Cable, Power	
105	7022011	1	Diode, Power	
106	70001052	1	Shunt/Bus Bar With Harness Assembly	

FIGURE 1-6. BATTERY BOX INSTALLATION

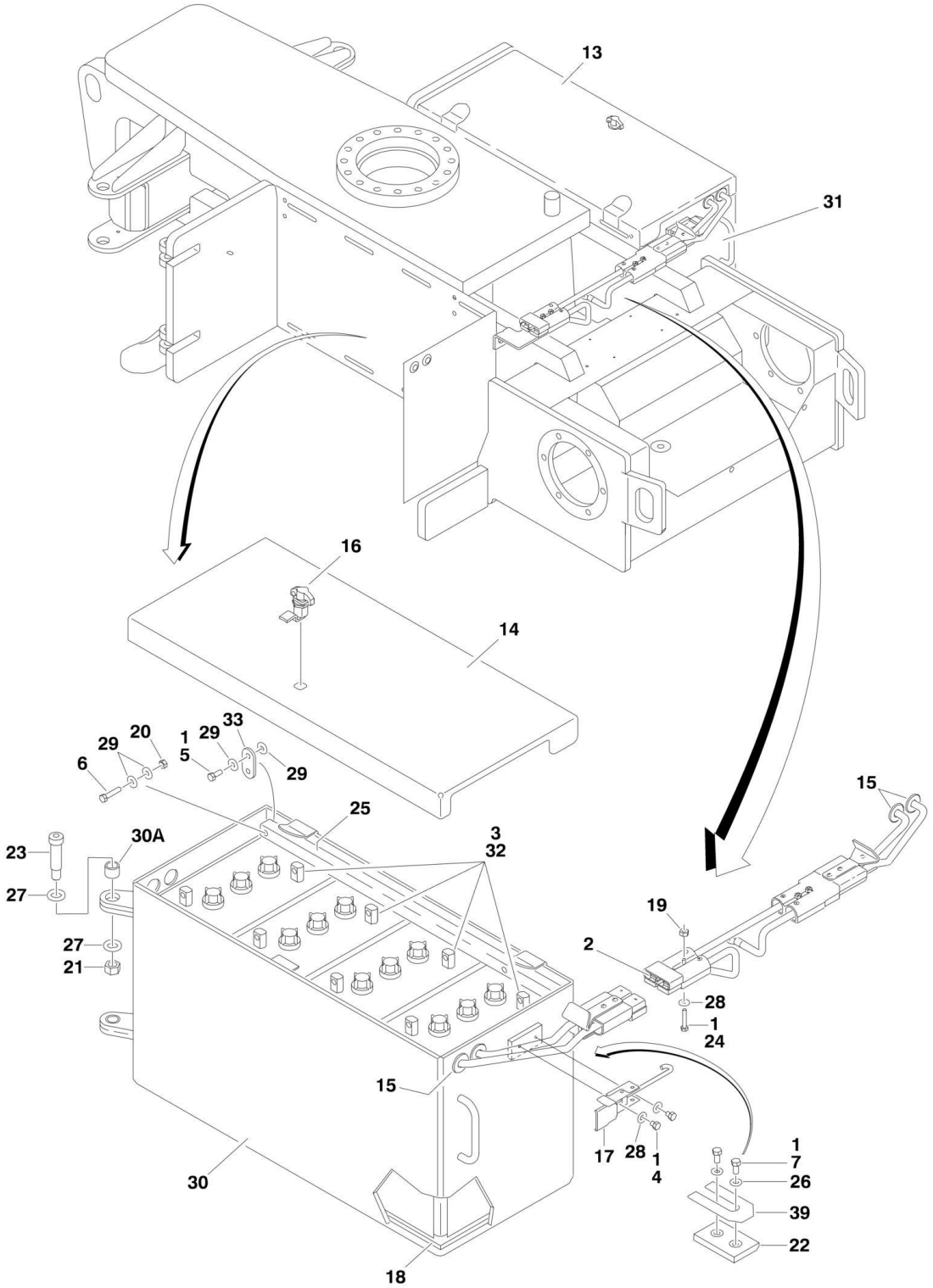


FIGURE 1-6. BATTERY BOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**BATTERIES INSTALLATION**	
	1001108560	Ref	**Machines with 305AH Batteries**	B
	1001115997	Ref	**Machines with 305AH AGM Batteries**	A
	0259042	Ref	**Machines with 375AH Batteries**	J
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dialectric	
3	0100051	AR	Grease, Battery Terminal	
4	0641403	4	Bolt 1/4in-20NC x 3/8in	
5	0641505	4	Bolt 5/16in-18NC x 5/8in (Machines with AGM Batteries Only)	
6		Ref	Bolt 5/16in-18NC Options:	
6	0641512	4	Bolt 5/16in-18NC x 1-1/2in	
6	0641514	4	Bolt 5/16in-18NC x 1-3/4in	
7	0641606	4	Bolt 3/8in-16NC x 3/4in	
13	1670878	1	Cover, (Right)	
14	1670890	1	Cover, (Left)	
15	2540020	4	Grommet	
16	2940073	2	Latch	
17	2940114	2	Latch	
18	3000003	2	Liner	
19	3311401	4	Nut 1/4in-20NC	
20	3311505	4	Locknut 5/16in-18NC (Machines with 305AH Batteries Only)	
21	3312005	4	Locknut 5/8in-11NC	
22	3340852	2	Pad	
23	3900266	4	Screw, Shoulder	
24	3931430	4	Bolt 1/4in-20NC x 1-7/8in	
25	4567739	2	Tube	
26	4711600	4	Flatwasher 3/8in Thin	
27	4740086	8	Thrustwasher	
28	4751400	8	Flatwasher 1/4in Regular	
29	4751500	AR	Flatwasher 5/16in Regular	
30	4845923	1	Box, Battery (Left)	
30A	0962233	2	Bushing	
31	4845924	1	Box, Battery (Right)	
31A	0962233	2	Bushing (Not Shown)	
32		Ref	Battery Options:	
32	1001105091	8	Wet Battery (6V-305-S)	
32	1001114782	8	Wet Battery (6V-305A-A AGM)	
32	0400055	8	Wet Battery (6V-370-S)	
32	See Note	8	Dry Battery (6V-305-S) (Note: Not Available for Purchase)	
32	See Note	8	Dry Battery (6V-305A-A AGM) (Note: Not available for purchase)	
32	0400107	8	Dry Battery (6V-370-S)	
33	1001116006	4	Bracket (Machines with AGM Batteries Only)	
39	4070904	2	Shim	

FIGURE 1-7. FRAME COVERS INSTALLATION

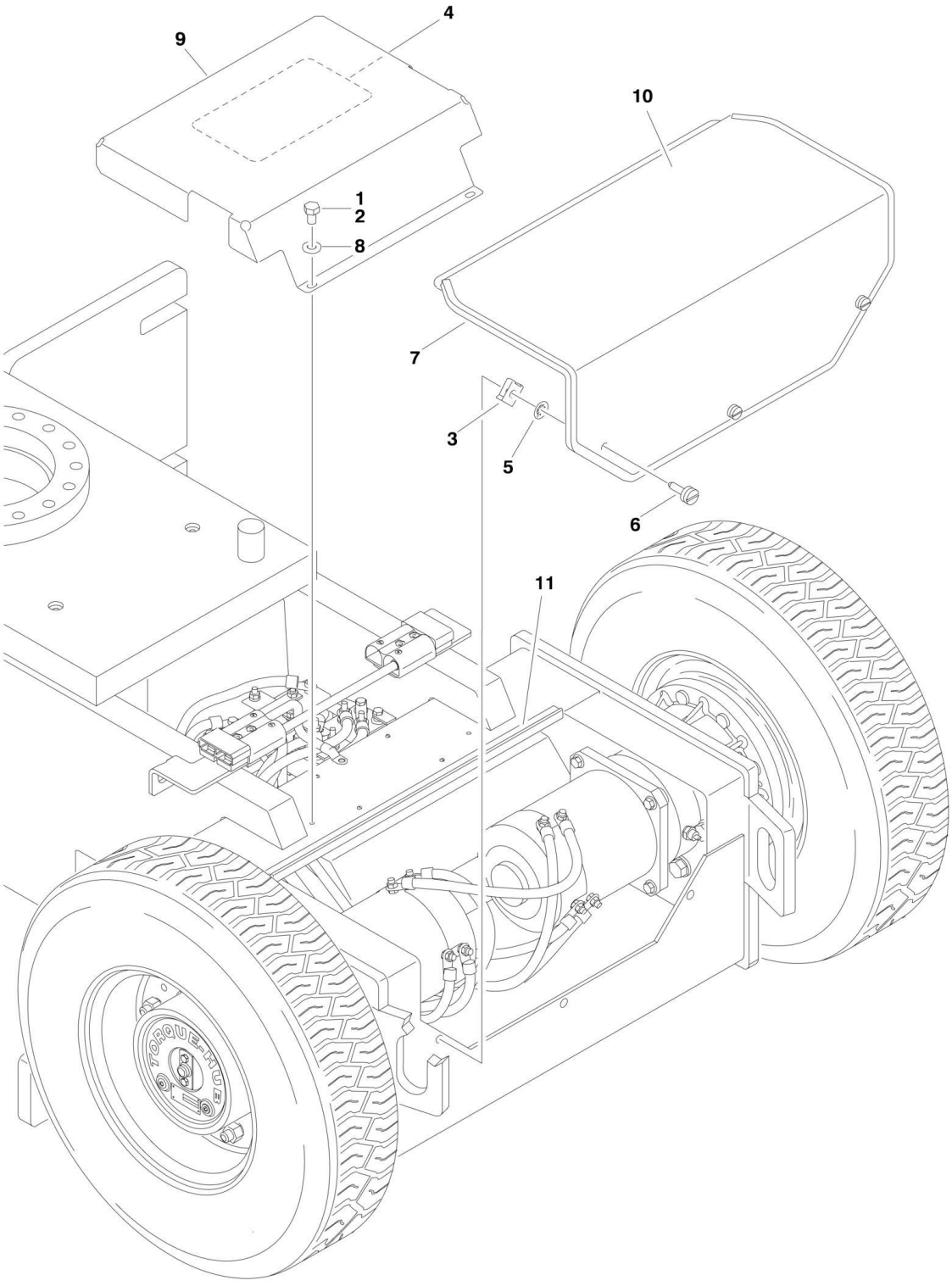


FIGURE 1-7. FRAME COVERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109383	Ref	**FRAME COVERS INSTALLATION**	C
1	0100011	AR	Compound, Locking	
2	0641504	2	Bolt 5/16in-18NC x 1/2in	
3	1380138	3	Nut, Clip	
4	1704246	1	Decal - Cable Routing	
5	3760308	3	Retainer	
6	1001112496	3	Thumbscrew	
7	3960447	63 in/1.6m	Seal	
8	4711500	2	Flatwasher 5/16in Thin	
9	1001107751	1	Cover, Contactor	
10	1001108251	1	Cover, Rear Axle	
11	3960389	2 ft/.6m	Seal	

FIGURE 1-8. INVERTER INSTALLATION (OPTIONAL)

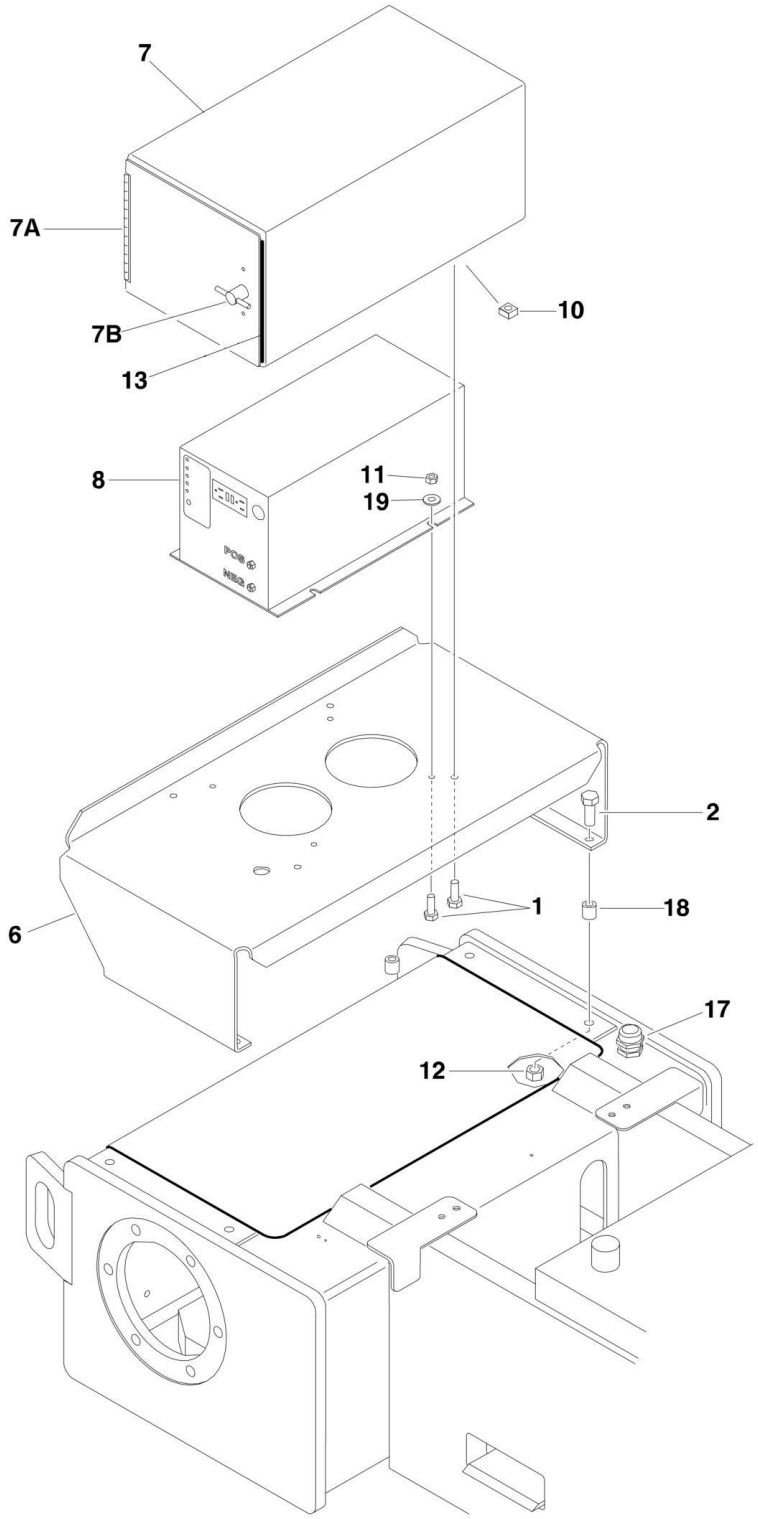


FIGURE 1-8. INVERTER INSTALLATION (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110271	Ref	**INVERTER INSTALLATION**	B
1	0641406	8	Bolt 1/4in-20NC x 3/4in	
2	0641618	4	Bolt 3/8in-16NC x 2-1/4in	
6	1271463	1	Channel, Mounting	
7	1670953	1	Cover	
7A	2600103	1	Hinge (Welded on Part)	
7B	2940048	1	Latch	
8	2460037	1	Inverter/Generator Assembly	
10	3300353	4	Nut, Tinnerman	
11	3311405	4	Locknut 1/4in-20NC	
12	3311605	4	Locknut 3/8in-16NC	
13	4060803	8.5 in/21cm	Flex-Trim	
17	4460426	1	Connector, Strain Relief	
18	4568165	4	Spacer, Tube	
19	4751400	4	Flatwasher 1/4in Regular	

SECTION 2 - TURNTABLE

FIGURE 2-1. CONTROL VALVES AND TANK/MOTOR INSTALLATIONS

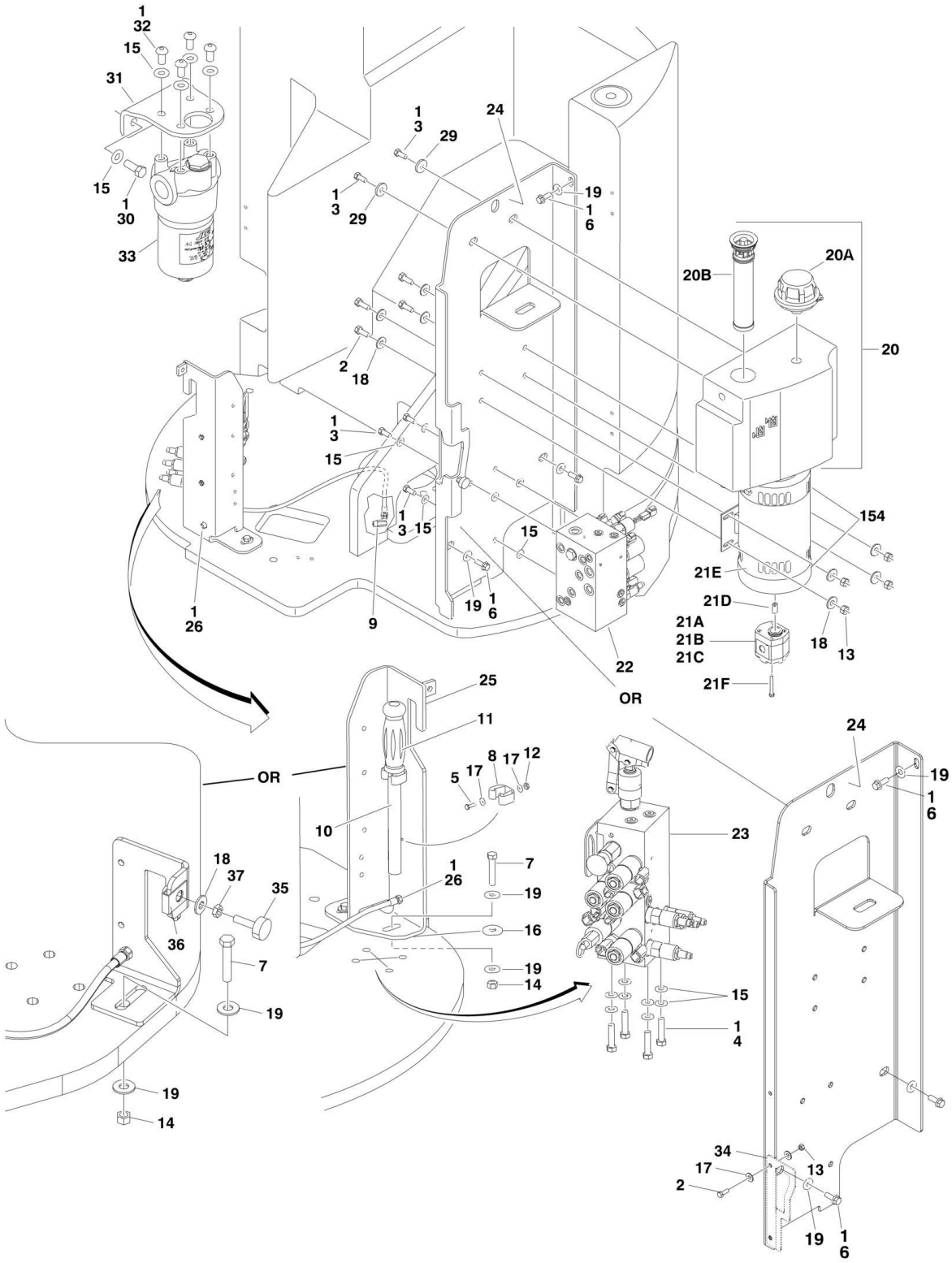


FIGURE 2-1. CONTROL VALVES AND TANK/MOTOR INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**VALVES AND TANK/MOTOR INSTALLATION**	
	1001110248	Ref	**Valves and Tank/Motor Installation E300AJ (Prior to SN 0300196085)**	I
	1001165969	Ref	**Valves and Tank/Motor Installation E300AJ (SN 0300196085 to Present)**	E
	1001109122	Ref	**Valves and Tank/Motor Installation E300AJP (Prior to SN 0300196085)**	I
	1001166033	Ref	**Valves and Tank/Motor Installation E300AJP (SN 0300196085 to Present)**	E
1	0100011	AR	Compound, Locking	
2	0641507	4	Bolt 5/16in-18NC x 7/8in	
3	0641607	5	Bolt 3/8in-16NC x 7/8in	
4	0641613	4	Bolt 3/8in-16NC x 1-5/8in	
5	0721005	AR	Screw #10-24NC x 5/8in	
6	0811608	4	Screw 3/8in-16NC x 1in	
7	0641616	4	Bolt 3/8in-16NC x 2in	
8	1380136	AR	Clip, Gripper	
9		Ref	Fitting Options:	
9	2220063	1	90 Elbow **(SN 0300138358 through 0300177036)**	
9	2220124	1	45 Elbow **(SN 0300177037 to Present)**	
10	2560122	1	Handle **(Prior to SN 0300196085)**	
11	1001114761	1	Grip, Handle **(Prior to SN 0300196085)**	
12	3311005	2	Locknut #10-24NC	
13	3311505	4	Locknut 5/16in-18NC	
14	3311605	2	Locknut 3/8in-16NC	
15	4711600	AR	Flatwasher 3/8in Thin	
16	4740393	AR	Flatwasher, Special	
17	4751000	AR	Flatwasher #10 Regular	
18	4751500	8	Flatwasher 5/16in Regular	
19	4751600	7	Flatwasher 3/8in Regular	
20	1001109126	1	Hydraulic Tank Assembly	
20A	70002526	1	Breather	
20B	70002525	1	Filter	
21		Ref	Hydraulic Motor/Pump Assembly Options:	
21	1001109127	1	Hydraulic Motor/Pump Assembly (use p/n 3600302) **(SN 0300138358 through 0300177036)**	
21	1001157601	1	Hydraulic Motor/Pump Assembly **(SN 0300177037 through 0300196085)**	
21	1001175351	1	Hydraulic Motor/Pump Assembly **(SN 0300196085 to Present)**	
		Ref	**Note: When replacing pump or motor/pump assembly, refer to the Service Manual for initial pump start up procedure.**	
		Ref	**Note: Original Equipment p/n 1001109127, or 3600302 may have been replaced with Service Replacement p/n 1001175351. Visually identify component before ordering parts.**	
21A		Ref	Pump	
21A	70002521	1	Motor/Pump Assembly p/n 1001109127	
21A	1001175349	1	Motor/Pump Assembly p/n 1001175351	
21A	7021319	1	Motor/Pump Assembly p/n 3600302	
21A	1001154537	1	Motor/Pump Assembly p/n 1001157601	
21B		Ref	Seal Kit - Pump	
21B	70002521	1	Motor/Pump Assembly p/n 1001109127 (Note: Shaft Seal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			is Only Seal Available)	
21B	7021377	1	Motor/Pump Assembly p/n 3600302	
21B	See Note	1	Motor/Pump Assembly p/n 1001157601 (Note: Not available for purchase)	
21C		Ref	Seal, Shaft	
21C	70001961	1	Motor/Pump Assembly p/n 1001109127	
21C	7022526	1	Motor/Pump Assembly p/n 3600302	
21C	See Note	1	Motor/Pump Assembly p/n 1001157601 (Note: Not available for purchase)	
21D		Ref	Coupling	
21D	70002523	1	Motor/Pump Assembly p/n 1001109127	
21D	7021367	1	Motor/Pump Assembly p/n 3600302	
21D	1001159059	1	Motor/Pump Assembly p/n 1001157601	
21E		Ref	Motor	
21E	70002522	1	Motor/Pump Assembly p/n 1001109127	
21E	1001175350	1	Motor/Pump Assembly p/n 1001175351	
21E	7021360	1	Motor/Pump Assembly p/n 3600302	
21E	1001154539	1	Motor/Pump Assembly p/n 1001157601	
21E		Ref	Brush Kit	
21E	7021361	1	Motor/Pump Assembly p/n 1001109127	
21E	7021361	1	Motor/Pump Assembly p/n 3600302	
21E	70004312	1	Motor/Pump Assembly p/n 1001157601	
21F		Ref	Bolt	
21F	70002524	2	Bolt M8 x 70mm (Motor/Pump Assembly p/n 1001109127)	
21F	See Note	2	Bolt 5/16in x 18NC (Motor/Pump Assembly p/n 3600302) (Note: Not available for purchase)	
21F	See Note	4	Bolt 5/16in x 18NC (Motor/Pump Assembly p/n 1001157601) (Note: Not available for purchase)	
22	1001109445	1	Main Control Valve Assembly (See MAIN CONTROL VALVE ASSEMBLY for Breakdown)	
23		Ref	Boom Function Control Valve Assembly (See BOOM FUNCTION VALVE ASSEMBLY for Breakdown)	
23	1001109447	1	Boom Function Control Valve Assembly E300AJ	
23	1001109446	1	Boom Function Control Valve Assembly E300AJP	
24		Ref	Plate, Main Valve/Tank/Motor Mounting Options:	
24	1001109427	1	Plate, Main Valve/Tank/Motor **(Prior to SN 0300196085)**	
24	1001164642	1	Plate, Main Valve/Tank/Motor **(SN 0300196085 to Present)**	
25		Ref	Bracket, Hood Latch Options:	
25	1001109929	1	Bracket, Hood Latch **(Prior to SN 0300196085)**	
25	1001164706	1	Bracket, Hood Latch **(SN 0300196085 to Present)**	
26		Ref	Hose, Remote Grease Line	
26	1001109939	1	Hose, Remote Grease Line **(Prior to SN 0300196085)**	
26	1001174991	1	Hose, Remote Grease Line **(SN 0300196085 to Present)**	
29	4740308	2	Flatwasher, Special	
30	0641608	2	Bolt 3/8in-16NC x 1in **(SN 0300179561 to Present)**	
31	0903530	1	Bracket, Mounting **(SN 0300179561 to Present)**	
32	3900283	4	Screw 3/8in-16NC x 3/4in **(SN 0300179561 to Present)**	
33	1001162882	1	Filter, High Pressure **(SN 0300179561 to Present)**	
33	70004228	1	Element, Filter	
34	1001164643	1	Plate, Clamp Holder **(SN 0300196085 to Present)**	
35	0940049	1	Stopper, Hood **(SN 0300196085 to Present)**	
36	88662523	1	Nut, Tinnerman **(SN 0300196085 to Present)**	
37	3311502	1	Nut, 5/16-18 UNC GR2 Hex Jam Nut **(SN 0300196085 to**	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			Present)	
	1001109431	Ref	**WHEEL DRIVE INSTALLATION (UL Spec Only)**	H
154	0340048	1	Band Kit, Pump Motor **(SN 0300142712 to Present)**	

FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY

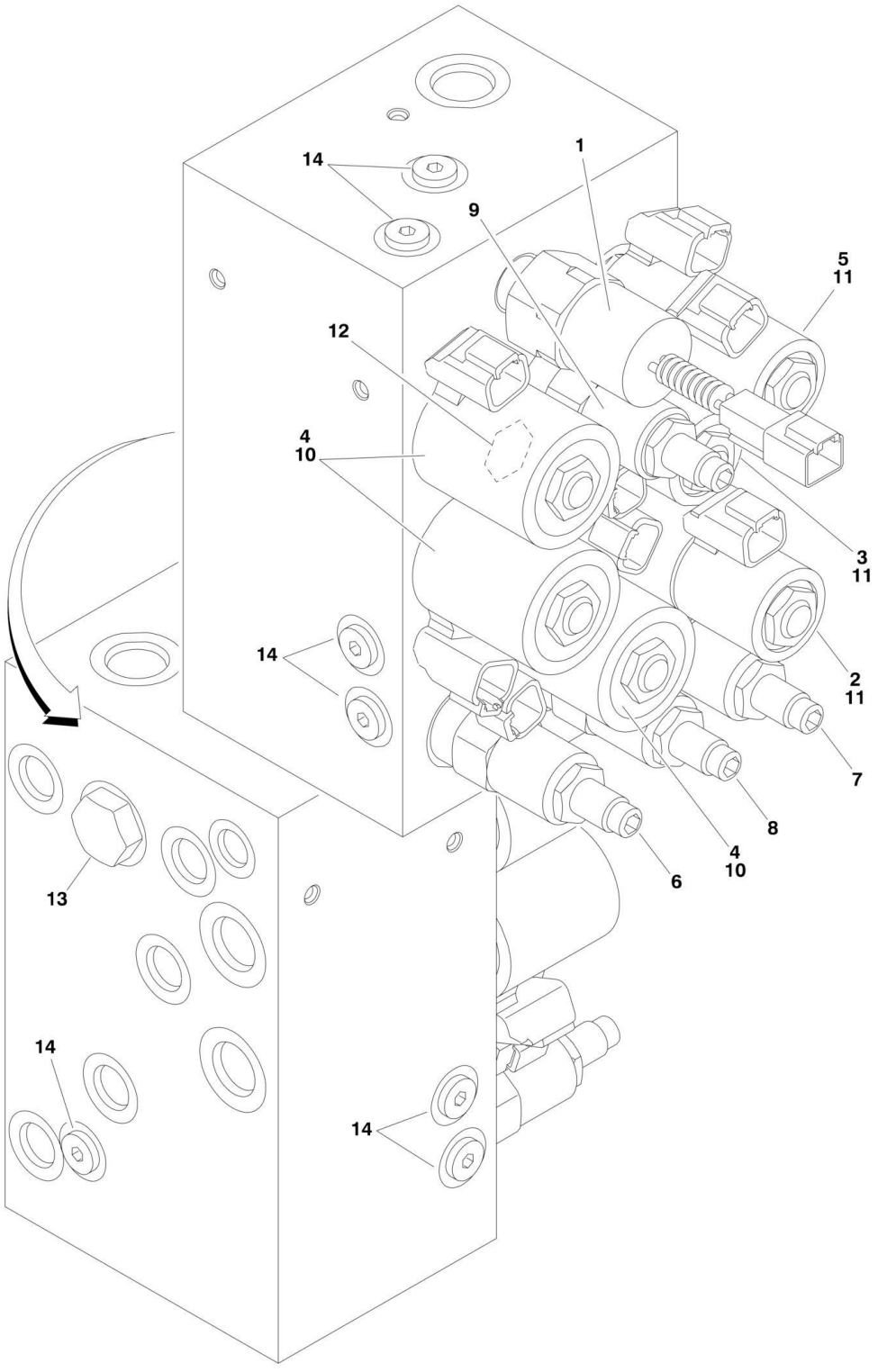


FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109445	Ref	**MAIN CONTROL VALVE ASSEMBLY**	E
1	70002400	1	Switch, Pressure (Brake)	
2	7017433	1	Cartridge, Solenoid Valve (Steer Direction)	
2	7017402	1	Seal Kit - 7017433 Cartridge	
3	7012941	1	Cartridge, Solenoid Valve (Brake)	
3	7010543	1	Seal Kit - 7012941 Cartridge	
4	70002401	3	Cartridge, Solenoid (Flow Control/Main and Tower Lift Dump)	
4	7017496	3	Seal Kit - 70002401 Cartridge	
5	70002402	1	Cartridge, Solenoid (Swing)	
5	7017402	1	Seal Kit - 70002402 Cartridge	
6	70002403	1	Cartridge, Relief Valve (Main)	
6	7012972	1	Seal Kit - 70002403 Cartridge	
7	7017489	1	Cartridge, Relief Valve (Steer)	
7	7012998	1	Seal Kit - 7017489 Cartridge	
8	7017488	1	Cartridge, Relief Valve (Steer)	
8	7012998	1	Seal Kit - 7017488 Cartridge	
9	70002404	1	Cartridge, Relief Valve (Swing)	
9	7012998	1	Seal Kit - 70002404 Cartridge	
10	7024883	3	Coil	
11	7024885	5	Coil	
12	7022391	1	Cartridge, Check Valve (Brake)	
12	7012967	1	Seal Kit - 7022391 Cartridge	
13	7010542	1	Cartridge, Load Shuttle (Swing)	
13	7010543	1	Seal Kit - 7010542 Cartridge	
14	7017406	AR	Plug	

FIGURE 2-3. BOOM FUNCTION VALVE ASSEMBLY

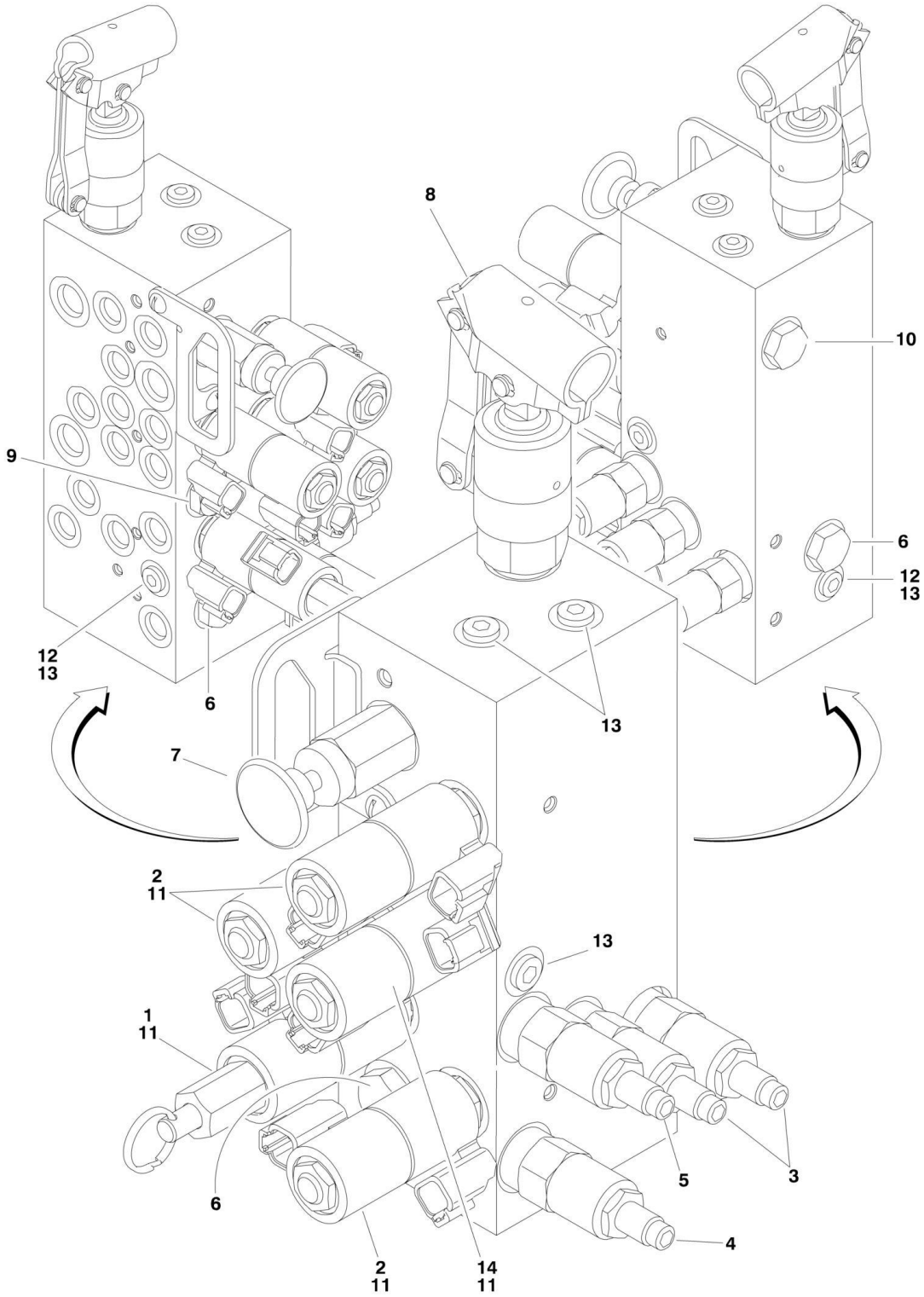


FIGURE 2-3. BOOM FUNCTION VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**BOOM FUNCTION VALVE ASSEMBLY**	
	1001109447	Ref	**Boom Function Valve Assembly E300AJ**	D
	1001109446	Ref	**Boom Function Valve Assembly E300AJP**	D
1	70002405	1	Cartridge, Solenoid (Jib Lift)	
1	7017402	1	Seal Kit - 70002405 Cartridge	
2	7017452	3	Cartridge, Solenoid Valve (Telescope/Platform Rotate/Platform Level and Master)	
2	7017402	3	Seal Kit - 7017452 Cartridge	
3	7017421	2	Cartridge, Relief Valve (Jib Lift/Platform Level and Master)	
3	7012998	2	Seal Kit - 7017421 Cartridge	
4	7017418	1	Cartridge, Relief Valve (Platform Level and Master)	
4	7012998	1	Seal Kit - 7017418 Cartridge	
5	7017489	1	Cartridge, Relief Valve (Jib Lift)	
5	7012998	1	Seal Kit - 7017489 Cartridge	
6	7012914	2	Cartridge, Pressure Control Valve	
6	7012918	2	Seal Kit - 7012914 Cartridge	
7	70002406	1	Cartridge, Manual Control Valve	
7	7012904	1	Seal Kit - 70002406 Cartridge	
7	7012959	1	Knob	
8	70004019	1	Cartridge, Hand Pump Valve (was p/n 7012694)	
8	7017496	1	Seal Kit - 7012694 Cartridge	
8	2900756	1	Seal Kit - 70004019 Cartridge	
9	7022391	1	Cartridge, Check Valve	
9	7012967	1	Seal Kit - 7022391 Cartridge	
10	4641129	1	Cartridge, Check Valve	
10	7012540	1	Seal Kit - 4641129 Cartridge	
11	7024885	10	Coil	
12	70003528	2	Orifice	
13	701706	8	Plug	
14		Ref	Cartridge Options:	
14		Ref	Cartridge E300AJ uses:	
14	7017471	1	Cartridge	
14	7017471	1	Seal Kit - 7017471 Cartridge (Note: Not Available for Purchase)	
14		Ref	Cartridge E300AJP uses:	
14	7017452	1	Cartridge, Solenoid (Jib Rotate)	
14	7017402	1	Seal Kit - 7017452 Cartridge	

FIGURE 2-4. TURNTABLE AND SWING DRIVE INSTALLATION

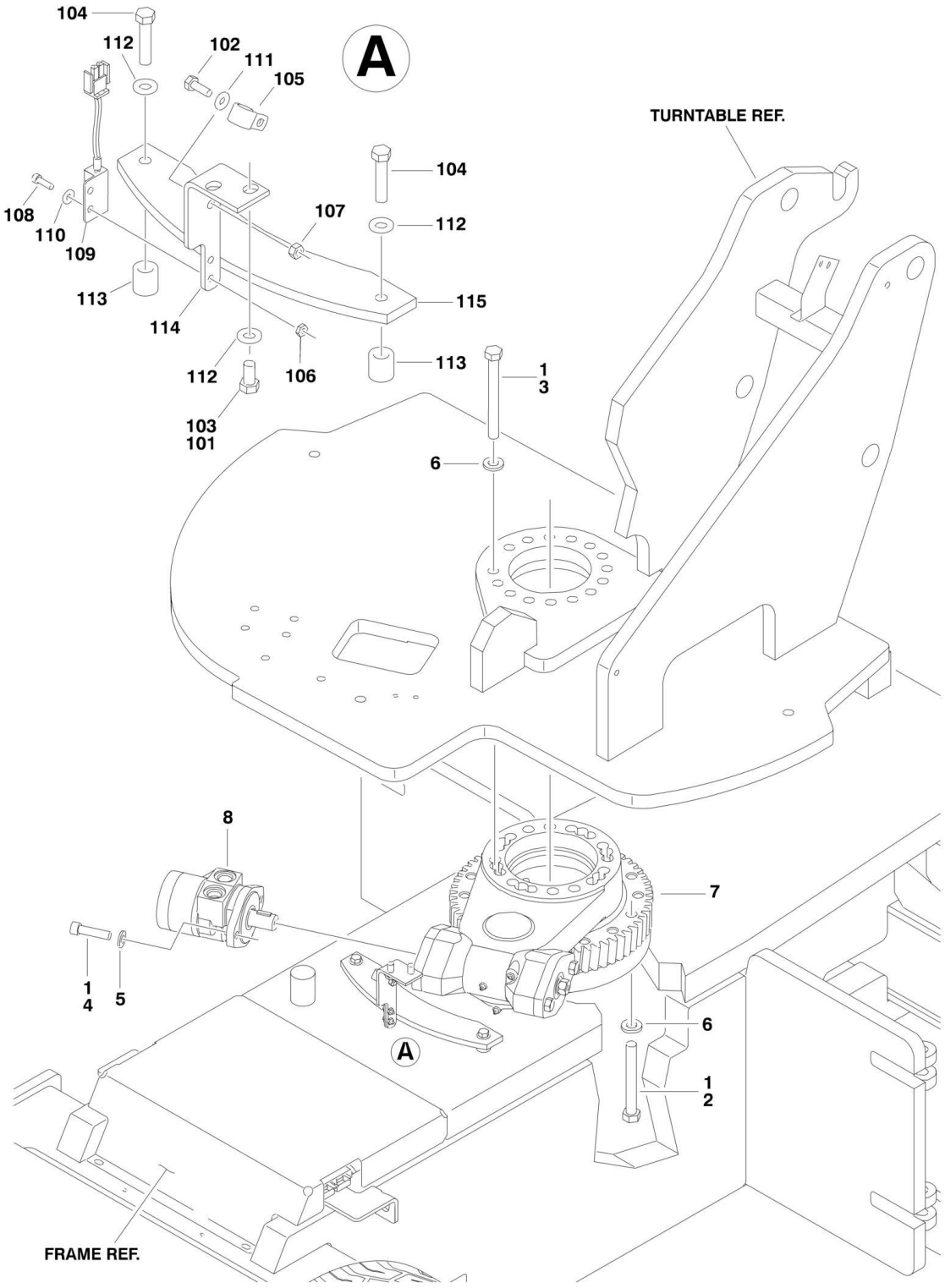


FIGURE 2-4. TURNTABLE AND SWING DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Note: See Control Valves and Tank/Motor Installations for Remote Bearing Lube Components.**	
		Ref	**SWING DRIVE INSTALLATIONS**	
	1001107650	Ref	**Swing Drive (DOHI)**	C
	1001153362	Ref	**Swing Drive (JING WEI)**	A
1	0100019	AR	Compound, Locking	
2	0682040	16	Bolt 5/8in-11NC x 5in (Grade 8)	
3	0682048	15	Bolt 5/8in-11NC x 6in (Grade 8)	
4	3931832	2	Capscrew 1/2in-13NC x 2in	
5	4740171	2	Flatwasher, Special	
6	4892000	31	Flatwasher 5/8in Hardened	
7		Ref	Turntable Bearing Assembly Options (See TURNTABLE BEARING ASSEMBLY for Breakdown):	
7	1001103646	1	Turntable Bearing (DOHI)	
7	1001153013	1	Turntable Bearing (JING WEI)	
8	1001107781	1	Swing Motor Assembly (See SWING MOTOR ASSEMBLY for Breakdown)	
	1001107820	Ref	**DRIVE ORIENTATION INSTALLATION**	C
101	0100011	AR	Compound, Locking	
102	0641406	1	Bolt 1/4in-20NC x 3/4in	
103	0641606	2	Bolt 3/8in-161NC x 3/4in	
104		Ref	Bolt Options:	
104	0641614	2	Bolt 3/8in-161NC x 1 3/4in **(SN 0300138358 through 0300138862)**	
104	0641616	2	Bolt 3/8in-161NC x 2in **(SN 0300138863 to Present)**	
105	1320041	1	Clamp	
106	3311005	2	Locknut #10-24NC	
107	3311405	1	Locknut 1/4in-20NC	
108	3931010	2	Capscrew #10-24NC x 5/8in	
109	4360517	1	Switch, Proximity	
110	4711000	2	Flatwasher #10 Thin	
110	4740120	2	Flatwasher, Nylon	
111	4711400	1	Flatwasher 1/4in Thin	
112	4711600	4	Flatwasher 3/8in Thin	
113		Ref	Spacer Options:	
113	7116691	2	Spacer **(SN 0300138358 through 0300138862)**	
113	1001114757	2	Spacer **(SN 0300138863 to Present)**	
114	1001102527	1	Bracket, Switch Mounting	
115	1001108274	1	Cam	

FIGURE 2-5. TURNTABLE BEARING ASSEMBLY

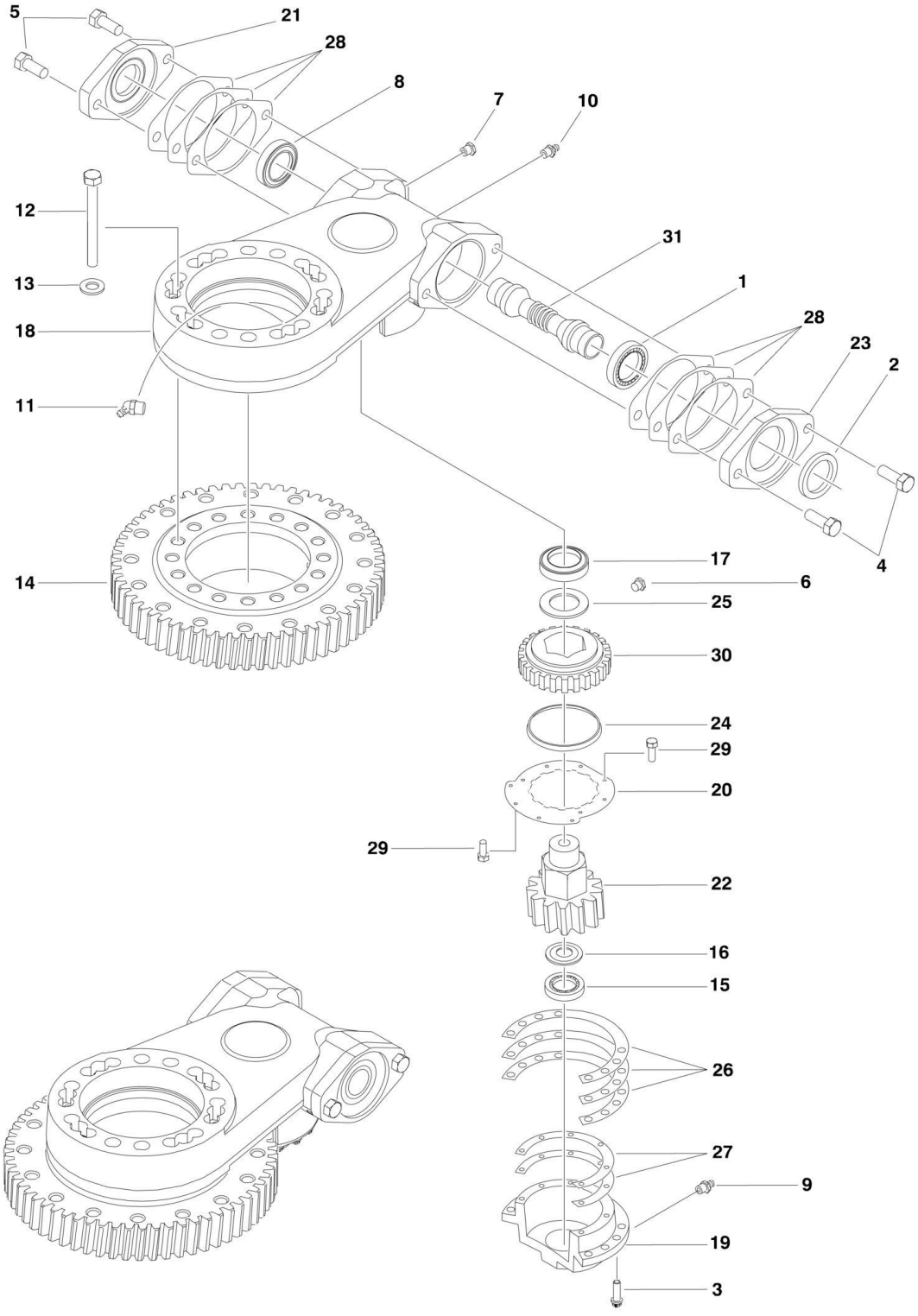


FIGURE 2-5. TURNTABLE BEARING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**TURNTABLE BEARING ASSEMBLIES**	
	1001103646	Ref	**Turntable Bearing (DOHI)**	G
	1001153013	Ref	**Turntable Bearing (JING WEI)**	B
1	70002643	2	Cup, Bearing	
1	70002644	2	Cone, Bearing	
2	70002645	1	Seal	
3	70002646	8	Bolt 5/16in-18NC x 7/8in	
4	70002647	2	Bolt 1/2in-13NC x 1in	
5	70002648	2	Bolt 1/2in-13NC x 1-1/4in	
6	70000865	1	Plug	
7	70002649	1	Vent, Pressure	
8	70002650	1	Seal	
9	70002651	1	Fitting, Grease 1/4in	
10		Ref	Component Options:	
10	70002652	1	Fitting, Grease 1/8in Straight	
10	See Note		Plug, Pipe (Note: Not Available - Purchase Locally)	
11	7027359	1	Fitting, Grease	
12	70002653	2	Capscrew 5/16in-18NC x 1-1/4in	
13	70002654	2	Flatwasher 1/4in Hardened	
14		Ref	Ring Gear Kit Options (Kit Includes Ring Gear and Mounting Hardware):	
14	1001143933	1	DOHI (Use p/n 1001160529)	
14	70004160	1	JING WEI	
15	70002656	1	Cup, Bearing	
15	70002657	1	Cone, Bearing	
16	70002658	1	Ring, Grease	
17	7026048	1	Cup, Bearing	
17	7026049	1	Cone, Bearing	
18	1001103646	1	Housing	
19	70002659	1	Cap, Gear	
20	70002660	1	Plate, Cover	
21	70002661	1	Cap, Worm	
22	70002662	1	Pinion, Output	
23	70002663	1	Adapter, Motor	
24	70002664	1	Seal, Face	
25	7026052	1	Spacer, Washer	
26	70002665	1	Shim .0075 Natural	
26	70002666	1	Shim .005 Blue	
26	70002667	1	Shim .003 Green	
27	70002668	1	Shim .005 Blue	
27	70002669	1	Shim .020 Yellow	
28	7027352	1	Gasket .010 Brown	
28	7027351	1	Gasket .0075 Clear	
28	7027350	1	Gasket .005 Blue	
28	7027353	1	Gasket .020 Yellow	
29	70000681	10	Bolt, Flange #6-32NC x 3/8in	
30	70002670	1	Gear, Worm	
31	70002671	1	Shaft, Worm	

FIGURE 2-6. SWING MOTOR ASSEMBLY

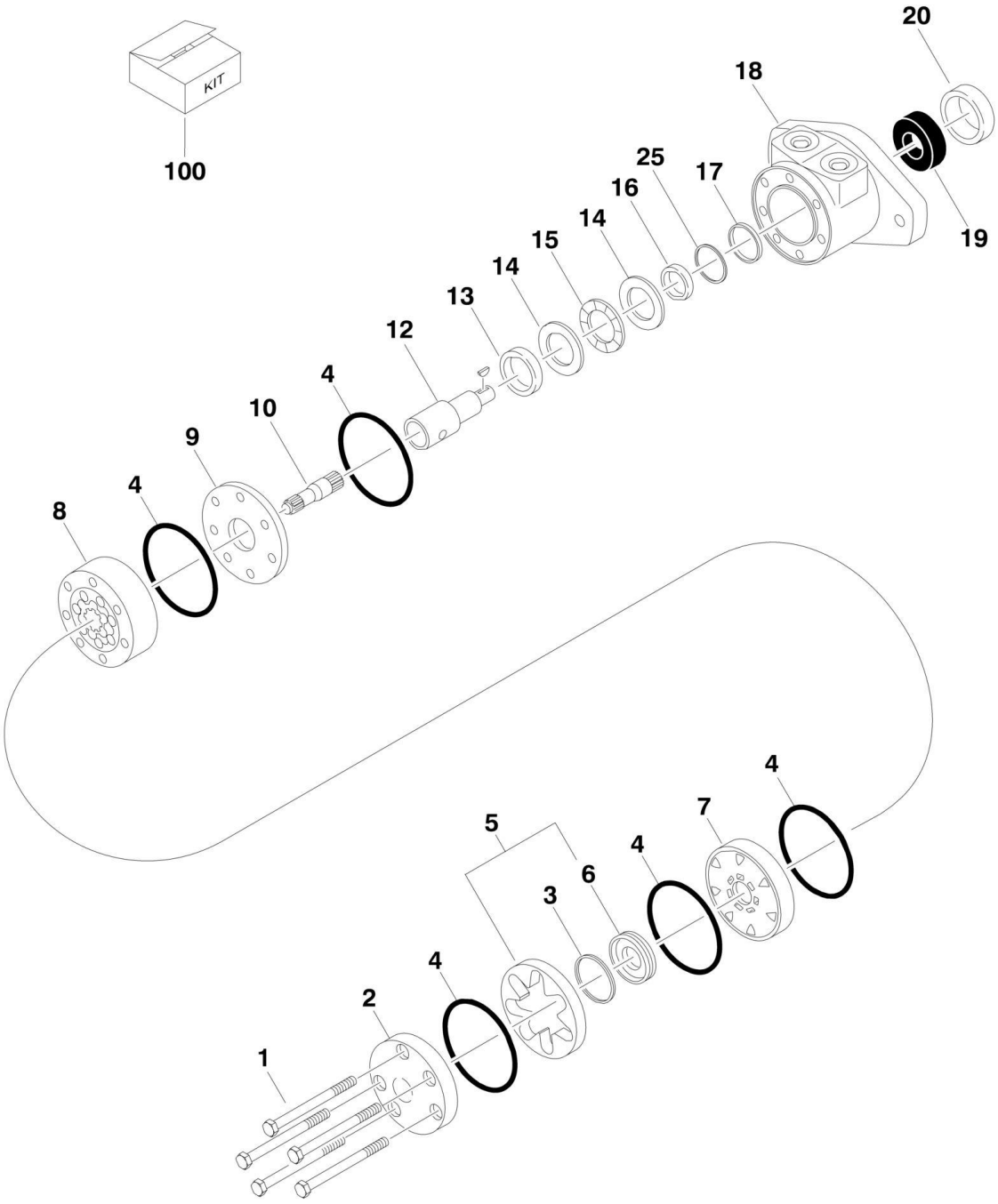


FIGURE 2-6. SWING MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107781	Ref	**SWING MOTOR ASSEMBLY (PARKER)**	A
1	70002311	5	Bolt	
2	7004035	1	Cover, End	
3	Item 100	1	Seal, Commutator	
4	Item 100	5	Seal, Ring	
5	7024453	1	Commutator and Ring Assembly	
6	7024453	1	Ring	
7	7024379	1	Manifold	
8	70002312	1	Rotor Set	
9	7024380	1	Plate, Wear	
10	70002313	1	Link, Drive	
12	70000088	1	Shaft, Coupling	
12	70000089	1	Key, Woodruff	
13	7024381	1	Bushing, Bronze	
14	7004043	2	Thrustwasher	
15	7004044	1	Bearing, Thrust	
16	Item 100	1	Seal, Inner	
17	Item 100	1	Washer, Back-up	
18	Not Available	1	Housing	
19	7024390	1	Bearing	
20	Item 100	1	Seal	
25	Item 100	1	Washer, Backup	
100	7024389	1	Seal Kit (Includes Items 3, 4, 16, 17, 20 & 25)	

FIGURE 2-7. GROUND CONTROL BOX ASSEMBLY

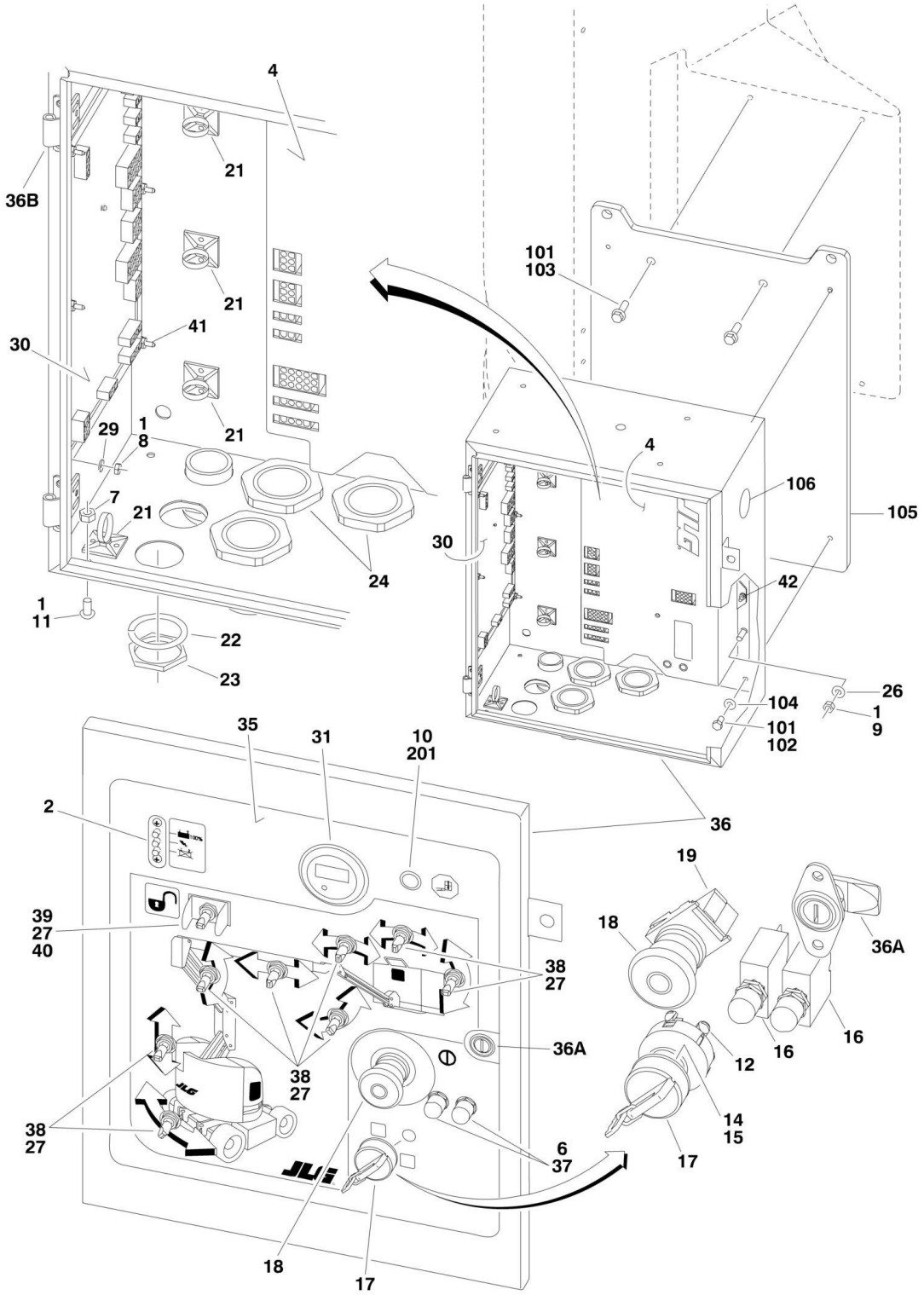


FIGURE 2-7. GROUND CONTROL BOX ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**GROUND CONTROL BOX ASSEMBLIES**	
	1001108823	Ref	**Ground Control Box Assemblies E300AJ (ANSI, ANSI Export and UL Specs) (Prior to SN 0300194887)**	F
	1001162495	Ref	**Ground Control Box Assemblies E300AJ (ANSI, ANSI Export and UL Specs) (SN 0300194887 to Present)**	C
	1001108824	Ref	**Ground Control Box Assemblies E300AJ (Australian Spec) (Prior to SN 0300149146)**	E
	1001108823	Ref	**Ground Control Box Assemblies E300AJ (Australian Spec) (SN 0300149146 through 0300194887)**	F
	1001163381	Ref	**Ground Control Box Assemblies E300AJ (Australian Spec) (SN 0300194887 to Present)**	C
	1001108824	Ref	**Ground Control Box Assemblies E300AJ (CE Spec) (Prior to SN 0300194887)**	E
	1001163381	Ref	**Ground Control Box Assemblies E300AJ (CE Spec) (SN 0300194887 to Present)**	C
	1001108825	Ref	**Ground Control Box Assemblies E300AJP (ANSI, ANSI Export and UL Specs) (Prior to SN 0300194887)**	E
	1001163380	Ref	**Ground Control Box Assemblies E300AJP (ANSI, ANSI Export and UL Specs) (SN 0300194887 to Present)**	C
	1001108826	Ref	**Ground Control Box Assemblies E300AJP (Australian Spec) (Prior to SN 0300149146)**	E
	1001108825	Ref	**Ground Control Box Assemblies E300AJP (Australian Spec) (SN 0300149146 through 0300194887)**	E
	1001163506	Ref	**Ground Control Box Assemblies E300AJP (Australian Spec) (SN 0300194887 to Present)**	C
	1001108826	Ref	**Ground Control Box Assemblies E300AJP (CE Spec) (Prior to SN 00300194887)**	E
	1001163506	Ref	**Ground Control Box Assemblies E300AJP (CE Spec) (SN 0300194887 to Present)**	C
1	0100035	AR	Compound, Locking	
2	0610131	1	LED, Battery Charger	
3	1060757	1	Cable, Battery Cable (Not Shown - ELECTRICAL SECTION for Location)	
4	1001112779	1	Module, Power (Re-calibration Required when Replaced)	
6	3300396	2	Cover, Fuse	
7	3311401	1	Nut 1/4in-20NC	
8	3310601	6	Nut #6-32NC	
9	3311501	AR	Nut 5/16in-18NC	
10	3520028	2	Plug, Hole	
11	3911408	1	Screw 1/4in-20NC x 1/2in	
12	3910804	6	Screw #8-32NC x 1/4in	
14		Ref	Shim Options:	
14	4070987	1	Shim (.015in) **(SN 0300138358 through 0300175724)**	
14	1001151393	1	Shim (.063in) **(SN 0300175725 to Present)**	
15	4070991	1	Shim (.125in) **(SN 0300138358 through 0300175725)**	
16	4360070	2	Breaker, Circuit - 15 Amp	
17		Ref	Switch, Key Options:	
17	4360469	1	ANSI, ANSI Export and UL Specs	
17	4360470	1	Australian Spec **(Prior to SN 0300149146)**	
17	4360469	1	Australian Spec **(SN 0300149146 to Present)**	
17	4360470	1	CE Spec	
17	2860030	1	Replacement Key (Fits All Specs)	
18	4360475	1	Switch, Emergency Stop	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
18	7020175	1	Cap, Mushroom Head	
18	7020176	1	Block, Contact	
19	4360476	1	Switch, Contact Block	
21	4460234	7	Mount, Tie-Strap	
22		Ref	Lockwasher, Terminal Options:	
22	4460496	2	Lockwasher, Terminal **(SN 0300138358 through 0300143540)**	
22	1001125784	2	Lockwasher, Terminal **(SN 0300143541 to Present)**	
23		Ref	Nut, Terminal Options:	
23	4460497	2	Nut, Terminal **(SN 0300138358 through 0300143540)**	
23	1001125785	2	Nut, Terminal **(SN 0300143541 to Present)**	
24	4460526	2	Connector, Strain Relief	
26	4711500	AR	Flatwasher 5/16in Thin	
27	4740420	AR	Washer, Special O-Ring	
29	4750600	6	Flatwasher #6 Regular	
30	1001109497	1	Module, Ground Control (Re-calibration Required when Replaced)	
31	1001109503	1	Gauge, Battery Indicator	
32	1001109506	1	Harness, Ground Control (Not Shown - See ELECTRICAL SECTION for Breakdown)	
33	1001109594	1	Harness, Valve (Not Shown - See ELECTRICAL SECTION for Breakdown)	
34	1001109610	1	Harness, Cable (Not Shown - See ELECTRICAL SECTION for Breakdown)	
35		Ref	Decal - Faceplate Options:	
35	1001109630	1	Decal - Faceplate E300AJ	
35	1001109655	1	Decal - Faceplate E300AJP	
36		Ref	Box Options:	
36	1001108827	1	Box **(Prior to SN 0300194887)**	
36	1001162210	1	Box **(SN 0300194887 to Present)**	
36A	70002527	1	Latch	
36B	70002528	2	Bracket, Hinge Mounting	
36B	70002529	2	Hinge	
37	3790012	2	Ring	
38	4360328	AR	Switch, Toggle	
39	4360330	1	Switch, Toggle	
40	4060906	1	Guard, Switch	
41	3910616	6	Screw, RD HD 6-32 x 1 in **(SN 0300194887 to Present)**	
42	0791504	6	Screw, 5/16-18 x ½ in **(SN 0300194887 to Present)**	
		Ref	**GROUND CONTROL BOX INSTALLATION**	
	1001108772	Ref	**Ground Control Box Installation E300AJ (ANSI, ANSI Export and UL Specs) (Prior to SN 0300194887)**	A
	1001164944	Ref	**Ground Control Box Installation E300AJ (ANSI, ANSI Export and UL Specs) (SN 0300194887 to Present)**	A
	1001108773	Ref	**Ground Control Box Installation E300AJ (Australian Spec) (Prior to SN 0300149146)**	A
	1001108772	Ref	**Ground Control Box Installation E300AJ (Australian Spec) (SN 0300149146 through 0300194887)**	A
	1001164944	Ref	**Ground Control Box Installation E300AJ (Australian Spec) (SN 0300194887 to Present)**	C
	1001108773	Ref	**Ground Control Box Installation E300AJ (CE Spec) (Prior to SN 0300194887)**	A
	1001164945	Ref	**Ground Control Box Installation E300AJ (CE Spec) (SN 0300194887 to Present)**	C
	1001108774	Ref	**Ground Control Box Installation E300AJP (ANSI, ANSI Export**	A

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			and UL Specs) (Prior to SN 0300194887)	
	1001164946	Ref	**Ground Control Box Installation E300AJP (ANSI, ANSI Export and UL Specs) (SN 0300194887 to Present)**	C
	1001108775	Ref	**Ground Control Box Installation E300AJP (Australian Spec) (Prior to SN 0300149146)**	A
	1001108774	Ref	**Ground Control Box Installation E300AJP (Australian Spec) (SN 0300149146 through 0300194887)**	A
	1001164946	Ref	**Ground Control Box Installation E300AJP (Australian Spec) (SN 0300194887 to Present)**	C
	1001108775	Ref	**Ground Control Box Installation E300AJP (CE Spec)**	A
	1001164947	Ref	**Ground Control Box Installation E300AJP (CE Spec) (SN 0300194887 to Present)**	C
101	0100011	AR	Compound, Locking	
102		Ref	Bolt Options:	
102	0641505	3	Bolt 5/16in-18NC x 5/8in **(Prior to SN 0300194887)**	
102	0641503	3	Bolt, 5/16in-18NC x 3/8in **(SN 0300194887 to Present)**	
103	0811610	4	Screw 3/8in-16NC x 1-1/4in	
104	4711500	3	Flatwasher 5/16in Thin	
105		Ref	Plate. Mounting Options:	
105	1001107526	1	Plate. Mounting **(Prior to SN 0300194887)**	
105	1001163750	1	Plate. Mounting **(SN 0300194887 to Present)**	
106	3520031	2	Plug, Hole, 1 3/16	
	1001110272	Ref	**LOAD SENSING INDICATOR INSTALLATION**	C
201	2920151	1	Light, LED	

FIGURE 2-8. ELECTRICAL COMPONENTS INSTALLATIONS

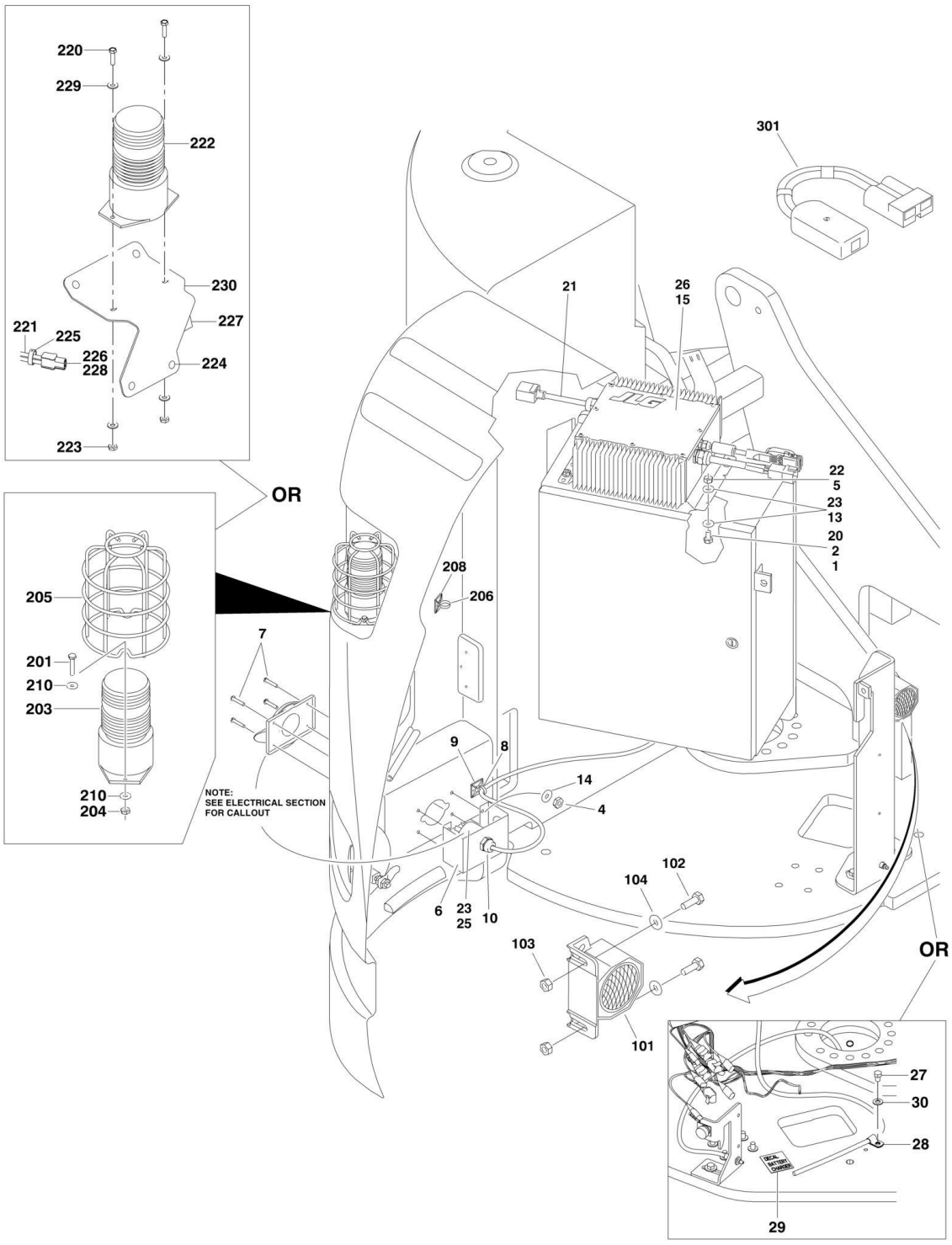


FIGURE 2-8. ELECTRICAL COMPONENTS INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**BATTERY CHARGER INSTALLATIONS (Prior to SN 0300194887)**	
	1001103106	Ref	**ANSI, ANSI Export and UL Specs**	D
	1001109116	Ref	**ANSI Export and CE Specs**	D
	1001109117	Ref	**Australian Spec**	D
1	0100011	AR	Compound, Locking	
2	0641404	4	Bolt 1/4in-20NC x 1/2in	
4	3311005	4	Locknut #10-24NC	
5	3311401	4	Nut 1/4in-20NC	
6	3571584	1	Bracket, Plug (1001109116 & 1001109117 Installations Only)	
7	3911016	4	Screw #10-24NC x 1in	
8	4240032	1	Tie-Strap	
9	4460234	1	Base, Tie-Strap Mounting	
10	4460428	1	Connector, Strain Relief (1001109116 & 1001109117 Installations Only)	
13	4711400	8	Flatwasher 1/4in Thin	
14	4751000	4	Flatwasher #10 Regular	
15	1001103105	1	Battery Charger Assembly (See ELECTRICAL SECTION for Replacement Parts)	
		Ref	**BATTERY CHARGER INSTALLATIONS (SN 0300194887 to Present)**	
	1001166249	1	**ANSI, ANSI Export and UL Specs**	A
	1001175882	1	**ANSI Export and CE Specs**	A
	1001175883	1	**Australian Spec**	A
20	0641405	4	Bolt 1/4in-20NC x 5/8in	
21	1060689	1	Cable, AC cord	
22	3311405	4	Locknut # 1/4in-20NC	
23	4711400	8	Flatwasher 1/4in Thin	
24	4460805	1	Plug, Australian (1001175883 Installation Only)	
25	4460138	1	Terminal, Connector Plug (1001166249 Installation Only)	
26	1001103105	1	Battery Charger Assembly (See ELECTRICAL SECTION for Replacement Parts)	
27	0641604	1	Bolt 1/4in-20NC x 1/2in	
28	1320263	1	Clamp, Cable	
29	1701644	1	Decal, Battery Charger	
30	4711600	1	Flatwasher 3/8in Plain, Narrow	
		Ref	**ALARM INSTALLATIONS**	
	1001110266	Ref	**ALARM INSTALLATION (Prior to SN 0300194887)**	A
	1001175138	Ref	**ALARM INSTALLATION (SN 0300194887 to Present)**	A
101	0140043	1	Alarm	
102	0641406	2	Bolt 1/4in-20NC x 3/4in	
103	3311405	2	Locknut 1/4in-20NC	
104	4711400	2	Flatwasher 1/4in Thin	
		Ref	**STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) (Prior to SN 0300194887)**	
	1001110268	Ref	**Standard Spec**	C
	1001158623	Ref	**UL Spec**	A
		Ref	**Note: If machine is equipped with BLUE Strobe Light, See SPECIAL OPTIONS SECTION SkyGuard Kit.**	
201	0721008	1	Screw #10-24NC x 1in	
202	2820035	AR	Tubing, Insulate (Not Shown)	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	2920146	1	Strobe Light Assembly	
203	7016319	1	Bulb, Replacement	
203	7016372	1	Lens, Replacement	
204	3311005	2	Locknut #10-24NC	
205	4060865	Ref	Guard Options:	
205	4060865	1	Standard Spec **(SN 0300138358 through 0300171423)**	
205	4060865	1	UL Spec **(SN 0300176401 to Present)**	
206	4240033	AR	Wire-Tie	
208	4460234	3	Base, Tie-Strap Mounting	
209	Not Required	3	Clamp	
210	4751000	4	Flatwasher #10 Regular	
211	1001110444	1	Strobe Light Harness (Not Shown - See ELECTRICAL SECTION for Breakdown) (Note: Now Part of Main Harness)	
		Ref	**STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) (SN 0300194887 to Present)**	
	1001176794	Ref	**Standard Spec (SN 0300194887 to Present)**	A
	1001176855	Ref	**UL Spec (SN 0300194887 to Present)**	A
220	0721006	2	Screw #10-24NC x 3/4in	
221	2820035	AR	Tubing, Insulate (Not Shown)	
222	2920146	1	Strobe Light Assembly (See Item # 203 for breakdown)	
223	3311005	2	Locknut #10-24NC	
224	3820019	4	Rivet	
225	4240033	AR	Wire-Tie	
226	4460226	2	Socket Contact	
227	4460234	5	Terminal, Mount Cable Tie	
228	4460424	1	Connector, 2 Pos Mate and Lock	
229	4751000	4	Flatwasher #10 Regular	
230	1001173253	1	Bracket, Support Beacon	
301	1600466	1	**BATTERY CHARGER REPROGRAM CONTROLLER (Use p/n 2915230)**	

FIGURE 2-9. HOODS INSTALLATION (Prior to SN 0300194887)

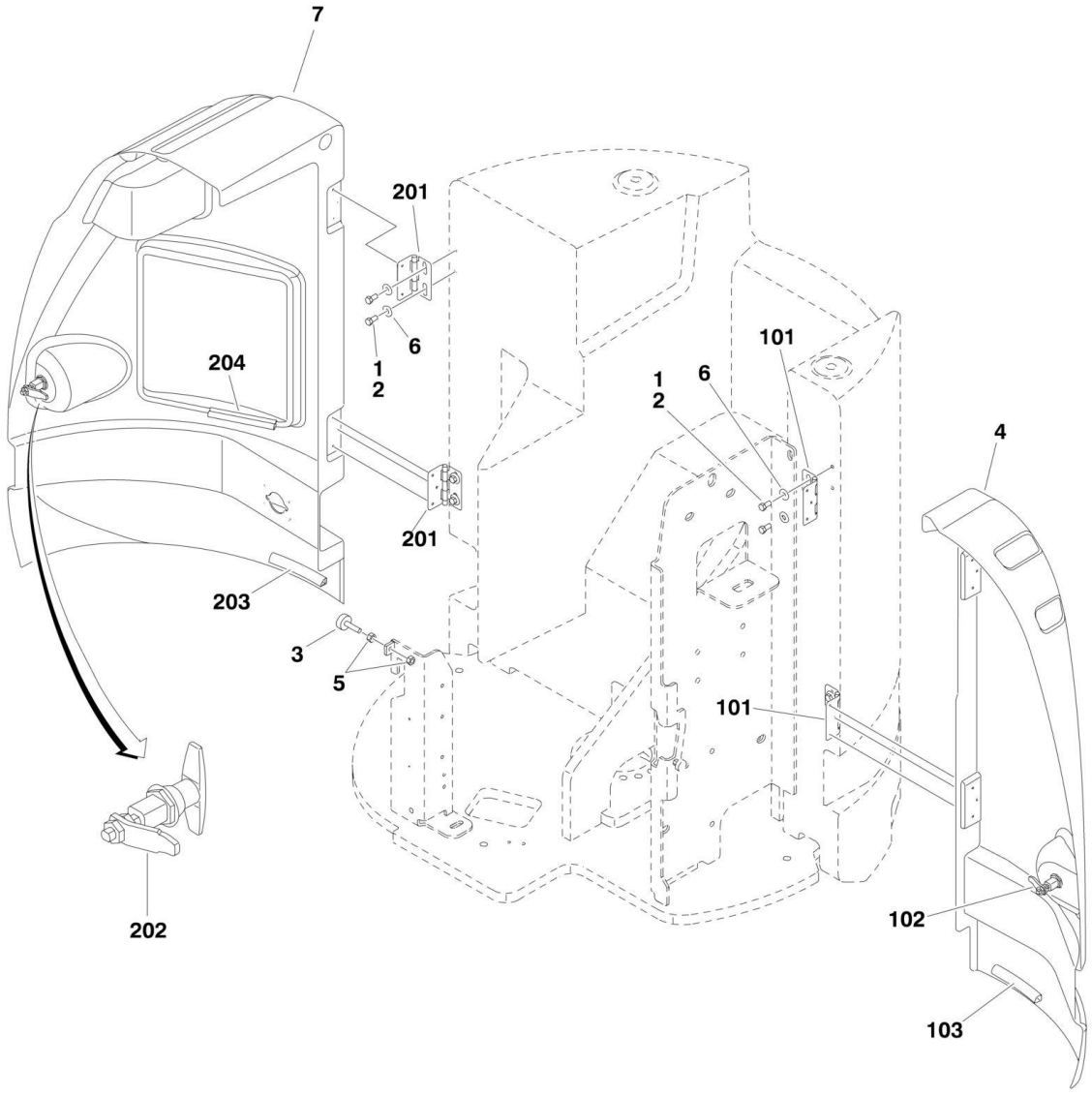


FIGURE 2-9. HOODS INSTALLATION (Prior to SN 0300194887)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110013	Ref	**HOODS INSTALLATIONS (Prior to SN 0300194887)**	B
1	0100011	AR	Compound, Locking	
2	0641606	8	Bolt 3/8in-16NC x 3/4in	
3	0940049	4	Bumper	
4	1001112921	1	Hood Assembly - Tank Side (See Items 101-103 for Breakdown)	
5	3311505	4	Locknut 5/16in-18NC	
6	4751600	8	Flatwasher 3/8in Regular	
7	1001110262	1	Hood Assembly - Ground Control Box Side (See Items 201-204 for Breakdown)	
	1001112921	Ref	**HOOD ASSEMBLY - TANK SIDE**	A
		Ref	**Note: Replacement Decals Must Be Ordered Separately - See DECALS SECTION.**	
101	2600258	2	Hinge	
102	2940117	1	Latch	
103	3960514	AR	Seal	
	1001110262	Ref	**HOOD ASSEMBLY - GROUND CONTROL BOX SIDE**	A
		Ref	**Note: Replacement Decals Must Be Ordered Separately - See DECALS SECTION.**	
201	2600258	2	Hinge	
202	2940117	1	Latch	
203	3960514	30 in/76cm	Seal	
204	3960418	36 in/90cm	Seal	

FIGURE 2-10. HOOD INSTALLATION (SN 0300194887 to Present)

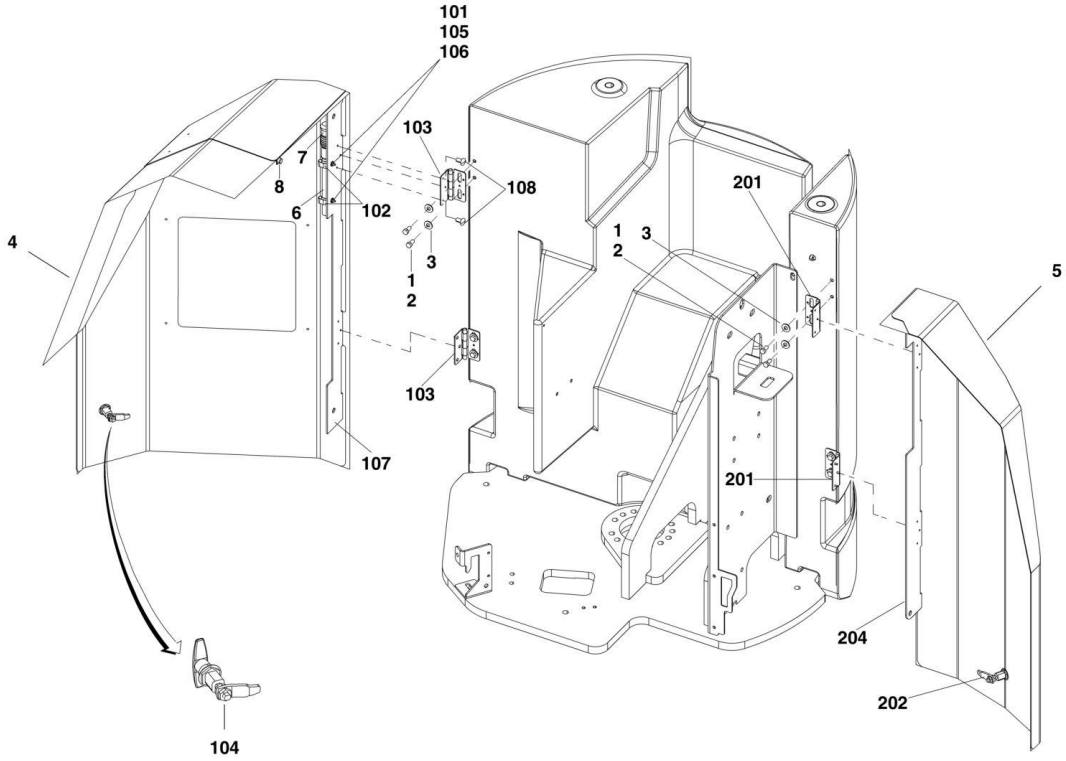


FIGURE 2-10. HOOD INSTALLATION (SN 0300194887 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164606	Ref	**HOODS INSTALLATIONS (SN 0300194887 to Present)**	C
1	0100011	AR	Compound, Locking	
2	0641606	8	Bolt 3/8in-16NC x 3/4in	
3	4751600	8	Flatwasher 3/8in Regular	
4	1001164239	1	Hood Assembly - LH (See Items 101-108 for Breakdown	
5	1001164280	1	Hood Assembly - RH (See Items 201-204 for Breakdown)	
6	2560122	1	Handle	
7	2560123	1	Grip, Handle	
8	0940036	2	Door, Bumper	
	1001164239	Ref	**HOOD ASSEMBLY - LH**	F
101	0721005	2	Screw #10-24NC x 5/8in	
102	1380136	2	Clip, Gripper	
103	2600258	2	Hinge	
104	2940117	1	Latch	
105	3311005	2	Locknut #10-24NC	
106	4751200	2	Washer,12 Dia Plain Stl	
107	1001164238	1	Hood Steel - LH	
108	3820020	6	Rivet, Pop	
	1001164280	Ref	**HOOD ASSEMBLY - RH**	E
201	2600258	1	Hinge	
202	2940117	1	Latch	
203	3820020	1	Rivet, Pop (Not Shown)	
204	1001164257	1	Hood Steel - RH	

SECTION 3 - BOOM

FIGURE 3-1. BOOM AND CYLINDERS INSTALLATION

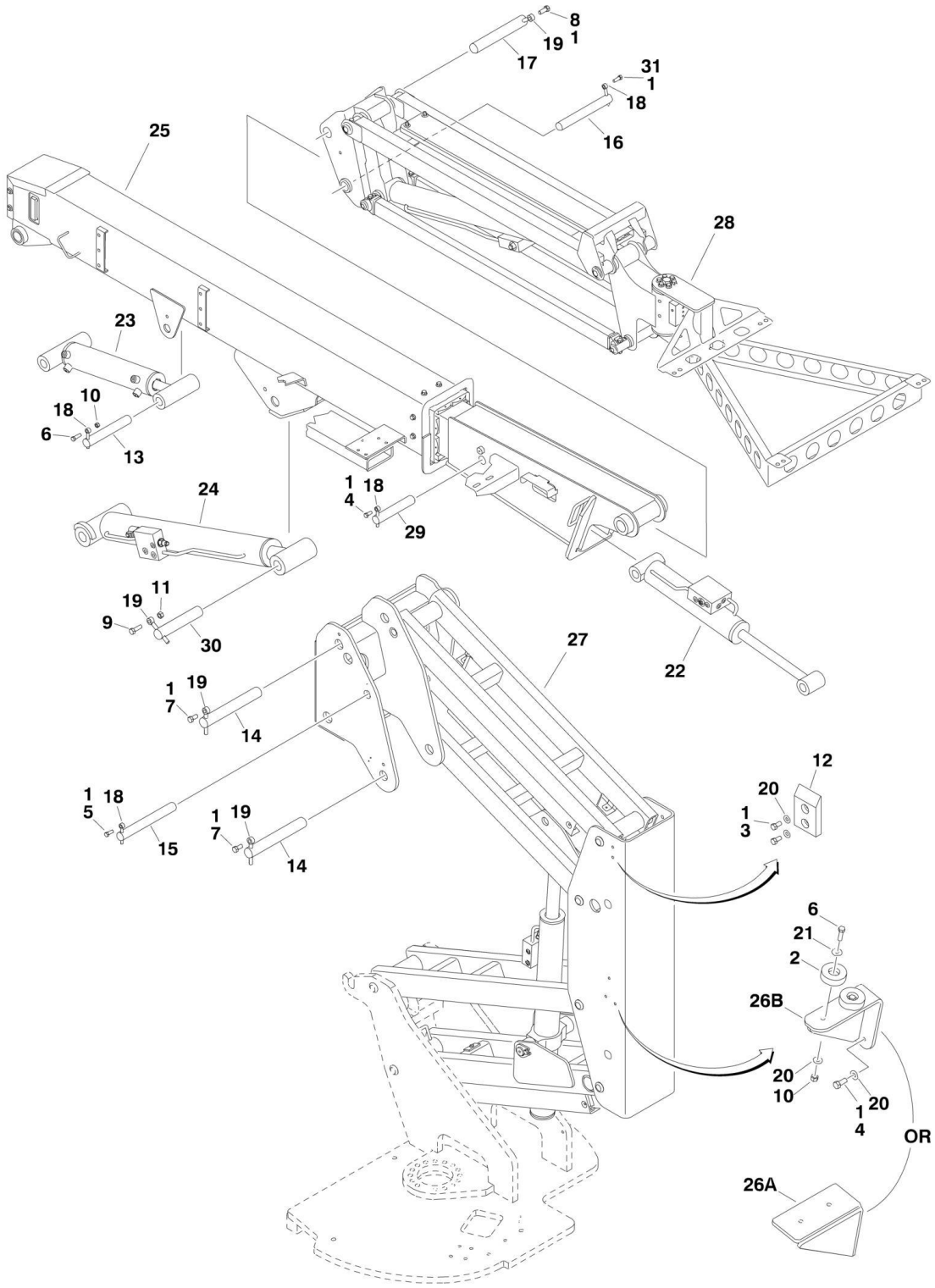


FIGURE 3-1. BOOM AND CYLINDERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**NOTE: SERVICE KITS ARE AVAILABLE FOR SOME MACHINES SN 0300138358 TO SN 0300157824 COMPONENTS. IDENTIFY BY HARDWARE TYPE. ORIGINAL EQUIPMENT USES SAE HARDWARE. SERVICE KIT COMPONENTS USE METRIC HARDWARE.**	
		Ref	**BOOM AND CYLINDERS INSTALLATIONS**	
	1001108553	Ref	**Boom and Cylinders Installations E300AJ**	C
	1001107584	Ref	**Boom and Cylinders Installations E300AJP**	C
1	0100011	AR	Compound, Locking	
2	1001112607	2	Block, Boom Rest	
3	0641606	2	Bolt 3/8in-16NC x 3/4in	
4	0641607	3	Bolt 3/8in-16NC x 7/8in	
5	0641608	1	Bolt 3/8in-16NC x 1in	
6	0641610	3	Bolt 3/8in-16NC x 1-1/4in	
7	0641808	2	Bolt 1/2in-13NC x 1in	
8		Ref	Bolt Options:	
8	0641810	1	1/2in-13NC x 1-1/4in **(SN 0300138358 through 0300157823)**	
8	0761215	1	M12 x 35mm **(SN 0300157824 to Present)**	
9	0641812	1	Bolt 1/2in-13NC x 1-1/2in	
10	3311605	3	Locknut 3/8in-16NC	
11	3311805	1	Locknut 1/2in-13NC	
12	3340854	1	Pad, Boom Guide	
13	3422582	1	Pin	
14	3422787	2	Pin1	
15	3422790	1	Pin	
16	3422792	1	Pin	
17	3422814	1	Pin	
18	3841143	4	Keeper, Pin	
19	3841203	4	Keeper, Pin	
20	4711600	7	Flatwasher 3/8in Thin	
21	4751600	2	Flatwasher 3/8in Regular	
22	1001105153	1	Level Cylinder Assembly - Platform (Slave) (See CYLINDER SECTION for Breakdown)	
23	1001105989	1	Master Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
24	1001106880	1	Lift Cylinder Assembly - Main Boom (See CYLINDER SECTION for Breakdown)	
25		Ref	Main Boom Assembly Options (See MAIN BOOM ASSEMBLY for Breakdown):	
25	1001108384	1	Main Boom Assembly (Use p/n 1001125317) E300AJ **(SN 0300138358 through 0300157823)**	
25	1001117885	1	Main Boom Assembly (Use p/n 1001125317) E300AJ **(SN 0300157824 to Present)**	
25	1001107108	1	Main Boom Assembly (Use p/n 1001125316) E300AJP **(SN 0300138358 through 0300157823)**	
25	1001123023	1	Main Boom Assembly (Use p/n 1001125316) E300AJP **(SN 0300157824 to Present)**	
26		Ref	Plate, Boom Rest Options:	
26A	1001107573	1	Plate, Boom Rest **(SN 0300138358 through 0300157823)**	
26B	1001125235	1	Plate, Boom Rest **(SN 0300157824 to Present)**	
27		Ref	Tower Boom Assembly (See TOWER BOOM ASSEMBLY for Breakdown)	

SECTION 3 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
27	1001108387	1	Tower Boom Assembly E300AJ	
27	1001107583	1	Tower Boom Assembly E300AJP	
28		Ref	Jib Assembly (See JIB ASSEMBLY AND PLATFORM SUPPORT INSTALLATION for Breakdown)	
28	1001107615	1	Jib Assembly (Use p/n 1001125318) E300AJ **(SN 0300138358 through 0300157823)**	
28	1001123025	1	Jib Assembly (Use p/n 1001125318) E300AJ **(SN 0300157824 to Present)**	
28	1001107614	1	Jib Assembly (Use p/n 1001123024) E300AJP **(SN 0300138358 through 0300157823)**	
28	1001123024	1	Jib Assembly E300AJP **(SN 0300157824 to Present)**	
29	3422709	1	Pin	
30	1001109528	1	Pin	
31		Ref	Bolt Options:	
31	0641609	1	3/8in-16NC x 1-1/8in **(SN 0300138358 through 0300157823)**	
31	0761014	1	M10 x 30mm **(SN 0300157824 to Present)**	
32		Ref	Bolt Options:	
32	0641607	1	3/8in-16NC x 7/8in **(SN 0300138358 through 0300157823)**	
32	0761011	1	M10 x 22mm **(SN 0300157824 to Present)**	

FIGURE 3-2. TOWER BOOM ASSEMBLY

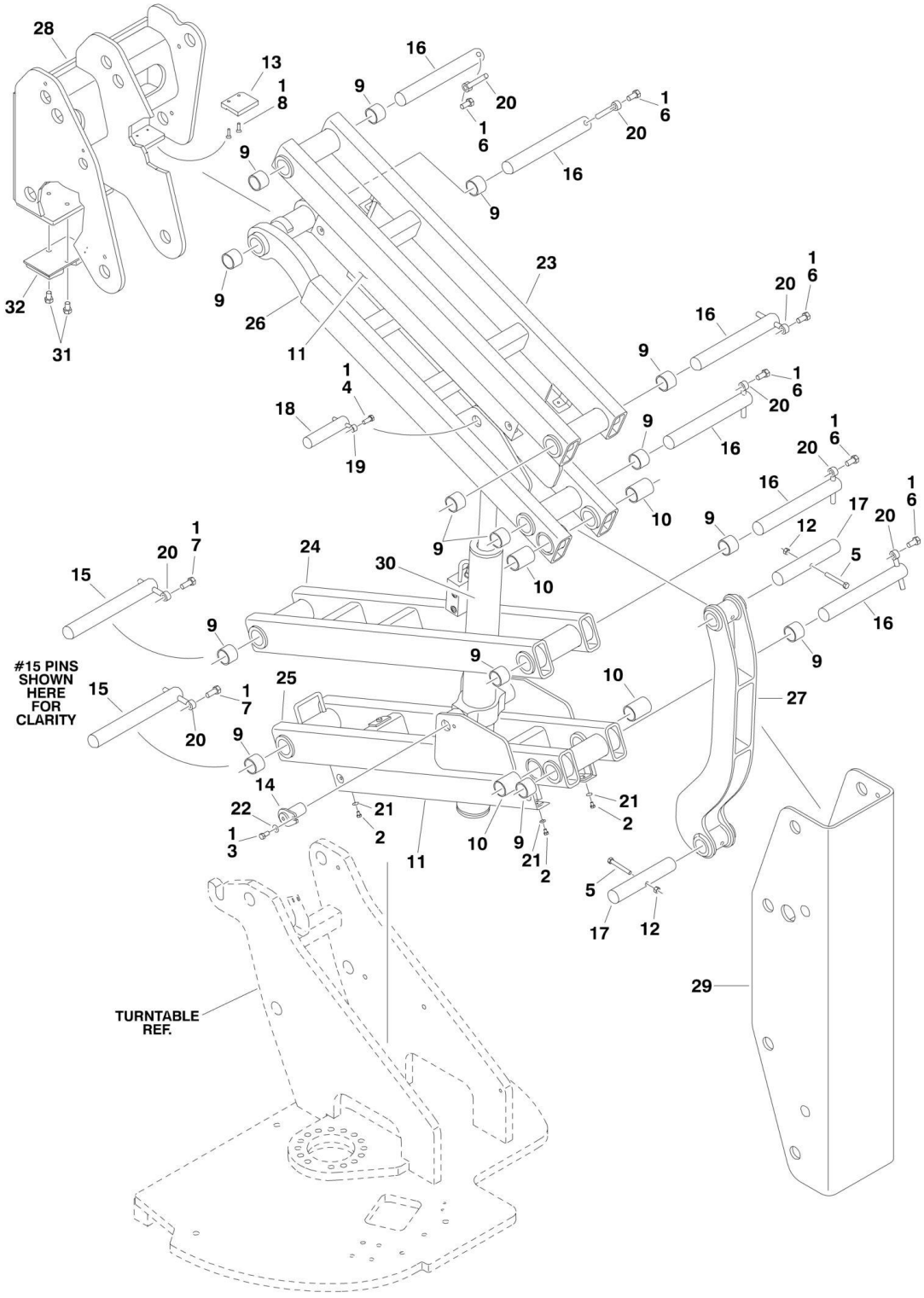


FIGURE 3-2. TOWER BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**TOWER BOOM ASSEMBLY**	
	1001108387	Ref	**Tower Boom Assembly E300AJ**	B
	1001107583	Ref	**Tower Boom Assembly E300AJP**	B
1	0100011	AR	Compound, Locking	
2	0641403	12	Bolt 1/4in-20NC x 3/8in	
3	0641606	2	Bolt 3/8in-16NC x 3/4in	
4	0641608	1	Bolt 3/8in-16NC x 1in	
5	0641622	2	Bolt 3/8in-16NC x 2-3/4in	
6	0641808	6	Bolt 1/2in-13NC x 1in	
7	0641810	2	Bolt 1/2in-13NC x 1-1/4in	
8	0741408	2	Screw 1/4in-20NC x 1in	
9	0961948	16	Bearing	
10	0962259	4	Bearing	
11	1271433	4	Channel, Boom Cable/Hose	
12	3311605	2	Locknut 3/8in-16NC	
13	3340865	1	Pad, Wear	
14	3422424	2	Pin	
15	3422785	2	Pin	
16	3422786	6	Pin	
17	3422788	2	Pin	
18	3422789	1	Pin	
19	3841143	1	Keeper, Pin	
20	3841203	8	Keeper, Pin	
21	4711400	12	Flatwasher 1/4in Thin	
22	4711600	2	Flatwasher 3/8in Thin	
23	4845940	1	Link, Mid Boom (Top)	
24	4845942	1	Link, Lower Boom (Top)	
25	4845943	1	Link, Lower Boom (Bottom)	
26		Ref	Link, Mid Boom (Bottom) Options:	
26	4845941	1	Link, Mid Boom (Bottom) E300AJ	
26	4846083	1	Link, Mid Boom (Bottom) E300AJP	
27	1001097487	1	Link, Timing	
28	1001107217	1	Upright (Top)	
29	1001107567	1	Upright (Bottom)	
30	1001107886	1	Lift Cylinder Assembly - Tower Boom (See CYLINDER SECTION for Breakdown)	
31	0641806	2	Bolt 1/2in-13NC x 3/4in	
32	0940048	1	Bumper	

FIGURE 3-3. MAIN BOOM ASSEMBLY

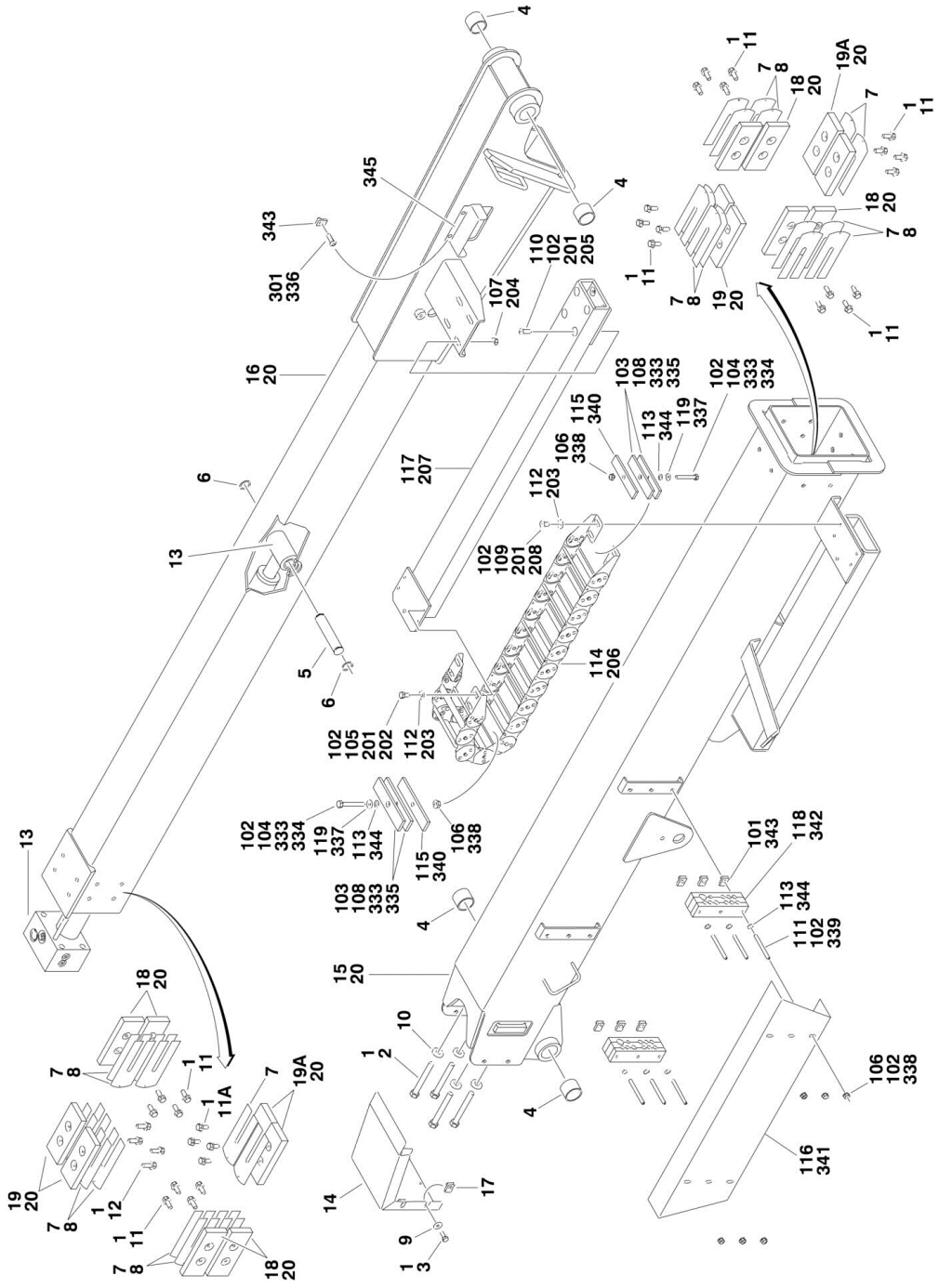


FIGURE 3-3. MAIN BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**NOTE: SERVICE KITS ARE AVAILABLE FOR SOME MACHINES SN 0300138358 TO SN 0300157824 COMPONENTS. IDENTIFY BY HARDWARE TYPE. ORIGINAL EQUIPMENT USES SAE HARDWARE. SERVICE KIT COMPONENTS USE METRIC HARDWARE. SERVICE KIT COMPONENTS USE METRIC HARDWARE.**	
		Ref	**MAIN BOOM ASSEMBLY**	
	1001108384	Ref	**Main Boom Assembly (Use p/n 1001125317) E300AJ (SN 0300138358 through 0300157823)**	1-C
	1001117885	Ref	**Main Boom Assembly (Use p/n 1001117885) E300AJ (SN 0300157824 to Present)**	1-C
	1001107108	Ref	**Main Boom Assembly (Use p/n 1001125316) E300AJP (SN 0300138358 through 0300157823)**	1-D
	1001123023	Ref	**Main Boom Assembly (Use p/n 1001125316) E300AJP (SN 0300157824 to Present)**	1-A
1	0100011	AR	Compound, Locking	
2		Ref	Bolt Options:	
2	0681832	4	Bolt 1/2in-13NC x 4in (Grade 8) **(SN 0300138358 through 0300157823)**	
2	0711227	4	Bolt M12 x 100mm (10.9) **(SN 0300157824 to Present)**	
3		Ref	Bolt Options:	
3	0641507	4	Bolt 5/16in-18NC x 7/8in **(SN 0300138358 through 0300157823)**	
3	0760812	4	Bolt M8 x 25mm **(SN 0300157824 to Present)**	
4	0961948	4	Bushing	
5	3422745	1	Pin	
6	3760115	2	Ring, Retaining	
7	4070897	16	Shim 18Ga	
8	4070898	12	Shim 11Ga	
9		Ref	Flatwasher Options:	
9	4751500	4	Flatwasher 5/16in Regular **(SN 0300138358 through 0300157823)**	
9	4811902	4	Flatwasher M8 **(SN 0300157824 to Present)**	
10		Ref	Flatwasher Options:	
10	4891800	4	Flatwasher 1/2in Hardened **(SN 0300138358 through 0300157823)**	
10	5241200	4	Flatwasher M8 Hardened **(SN 0300157824 to Present)**	
11		Ref	Bolt Options:	
11	0811607	24	Bolt 3/8in-16NC x 7/8in **(SN 0300138358 through 0300157823)**	
11	5251010	24	Bolt M10 x 20mm **(SN 0300157824 to Present)**	
11A		Ref	Bolt Options:	
11A	0811606	4	Bolt 3/8in-16NC x 3/4in **(SN 0300138358 through 0300157823)**	
11A	5251012	4	Bolt M10 x 25mm **(SN 0300157824 to Present)**	
12		Ref	Bolt Options:	
12	0811608	4	Bolt 3/8in-16NC x 1in **(SN 0300138358 through 0300157823)**	
12	5251012	4	Bolt M10 x 25mm **(SN 0300157824 to Present)**	
13		Ref	Telescope Cylinder Assembly Options (See CYLINDER SECTION for Breakdown):	
13	1001106878	1	Cylinder (Use p/n 1001120974) E300AJ **(SN 0300138358 through 0300157823)**	
13	1001120974	1	Cylinder E300AJ **(SN 0300157824 to Present)**	

SECTION 3 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
13	1001106879	1	Cylinder (E300AJP)	
14	1001108290	1	Cover	
15		Ref	Boom, Base Options:	
15	1001107003	1	Base (Use p/n 1001125319) E300AJ **(SN 0300138358 through 0300157823)**	
15	1001123026	1	Base (with Service Kit Installed which uses Metric Hardware) (Use p/n 1001125319) E300AJ **(SN 0300138358 through 0300157823)**	
15	1001116876	1	Base E300AJ **(SN 0300157824 to Present)**	
15	1001107003	1	Base (Use p/n 1001125319) E300AJP **(SN 0300138358 through 0300157823)**	
15	1001123026	1	Base (Use p/n 1001125319) E300AJP **(SN 0300157824 to Present)**	
16		Ref	Boom, Fly Options:	
16	1001107240	1	Fly (Use p/n 1001125320) E300AJ **(SN 0300138358 through 0300157823)**	
16	1001116877	1	Fly E300AJ **(SN 0300157824 to Present)**	
16	1001107240	1	Fly (Use p/n 1001125320) E300AJP **(SN 0300138358 through 0300157823)**	
16	1001123027	1	Fly (Use p/n 1001125320) E300AJP **(SN 0300157824 to Present)**	
17		Ref	Nut, Retainer Options:	
17	88662530	4	Nut **(SN 0300138358 through 0300157823)**	
17	1001118274	4	Nut **(SN 0300157824 to Present)**	
18		Ref	Pad, Wear Options:	
18	3340862	8	Pad **(SN 0300138358 through 0300157823)**	
18	1001118287	8	Pad E300AJ **(SN 0300157824 to Present)**	
18	1001123044	8	Pad E300AJP **(SN 0300157824 to Present)**	
19		Ref	Pad, Wear Options:	
19	3340862	4	Pad **(SN 0300138358 through 0300157823)**	
19	1001118288	4	Pad E300AJ **(SN 0300157824 to Present)**	
19	1001123045	4	Pad E300AJP **(SN 0300157824 to Present)**	
19A		Ref	Pad, Wear Options:	
19A	3340863	4	Pad **(SN 0300138358 through 0300157823)**	
19A	1001118288	4	Pad E300AJ **(SN 0300157824 to Present)**	
19A	1001123045	4	Pad E300AJP **(SN 0300157824 to Present)**	
20	3020022	AR	Grease, White Lithium	
	1001107658	Ref	**BOOM CLAMPS AND POWER TRACK INSTALLATION (SN 0300138358 through 0300157823)**	C
101	88662530	4	Nut, Retainer	
102	0100011	AR	Compound, Locking	
103	0100081	AR	Adhesive	
104	0641518	2	Bolt 5/16in-18NC x 2-1/4in	
105	0641605	4	Bolt 3/8in-16NC x 5/8in	
106	3311508	8	Nut, Flange 5/16in-18NC	
107	3311608	4	Nut, Flange 3/8in-16NC	
108	3340939	4	Pad, Rubber	
109	3900280	4	Screw 3/8in-16NC x 5/8in	
110	3900316	4	Screw 3/8in-16NC x 1in	
111	3951526	6	Setscrew 5/16in-18NC x3-1/4in	
112	4711600	8	Flatwasher 3/8in Thin	
113	8310146	8	Pushnut 5/16in	
114	1001099834	1	Carrier, Power Track	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
114	70001996	1	Repair Kit (Includes One 2ft Section of Carrier)	
114	70001998	1	Bracket Kit (Includes 4 Mounting Feet and Hardware to Attach to Carrier)	
115	1001106757	2	Plate, Clamp	
116	1001107152	1	Shield, Cover	
117	1001108249	1	Tube, Support (Use p/n 1001119513)	
118	1001109080	2	Clamp, Block	
119	4711500	2	Flatwasher 5/16in Thin	
	1001119504	Ref	**POWER TRACK INSTALLATION (SN 0300157824 to Present)**	B
201	0100011	AR	Compound, Locking	
202	0761007	4	Bolt M10 x 14mm	
203	4812000	8	Flatwasher 10mm	
204	5221000	4	Nut M10	
205	8310668	4	Bolt M10 x 25mm	
206	1001099834	1	Carrier, Power Track	
206	70001996	1	Repair Kit (Includes One 2ft Section of Carrier)	
206	70001998	1	Bracket Kit (Includes 4 Mounting Feet and Hardware to Attach to Carrier)	
207	1001119513	1	Tube, Support	
208	1001119527	4	Capscrew M10 x 16mm	
		Ref	**BOOM CLAMPS INSTALLATION (SN 0300157824 to Present)**	
	1001109562	Ref	**Boom Clamps Installation E300AJ**	E
	1001109563	Ref	**Boom Clamps Installation E300AJP**	E
301	0100011	AR	Compound, Locking	
333	0100081	AR	Adhesive	
334	0700820	2	Bolt M8 x 60mm	
335	3340939	4	Pad, Rubber	
336	4031908	2	Bolt M8 x 20mm	
337	4811900	2	Flatwasher M8	
338	5260800	8	Nut, Flange M8	
339	5281920	6	Setscrew M8 x 80mm	
340	1001106757	2	Plate, Clamp	
341	1001107152	1	Shield	
342	1001109080	2	Block, Clamp	
343	100118274	8	Nut, Retainer	
344	1001119228	8	Nut M8	
345	1001122600	1	Cover, Hose	

FIGURE 3-4. JIB ASSEMBLY AND PLATFORM SUPPORT INSTALLATION

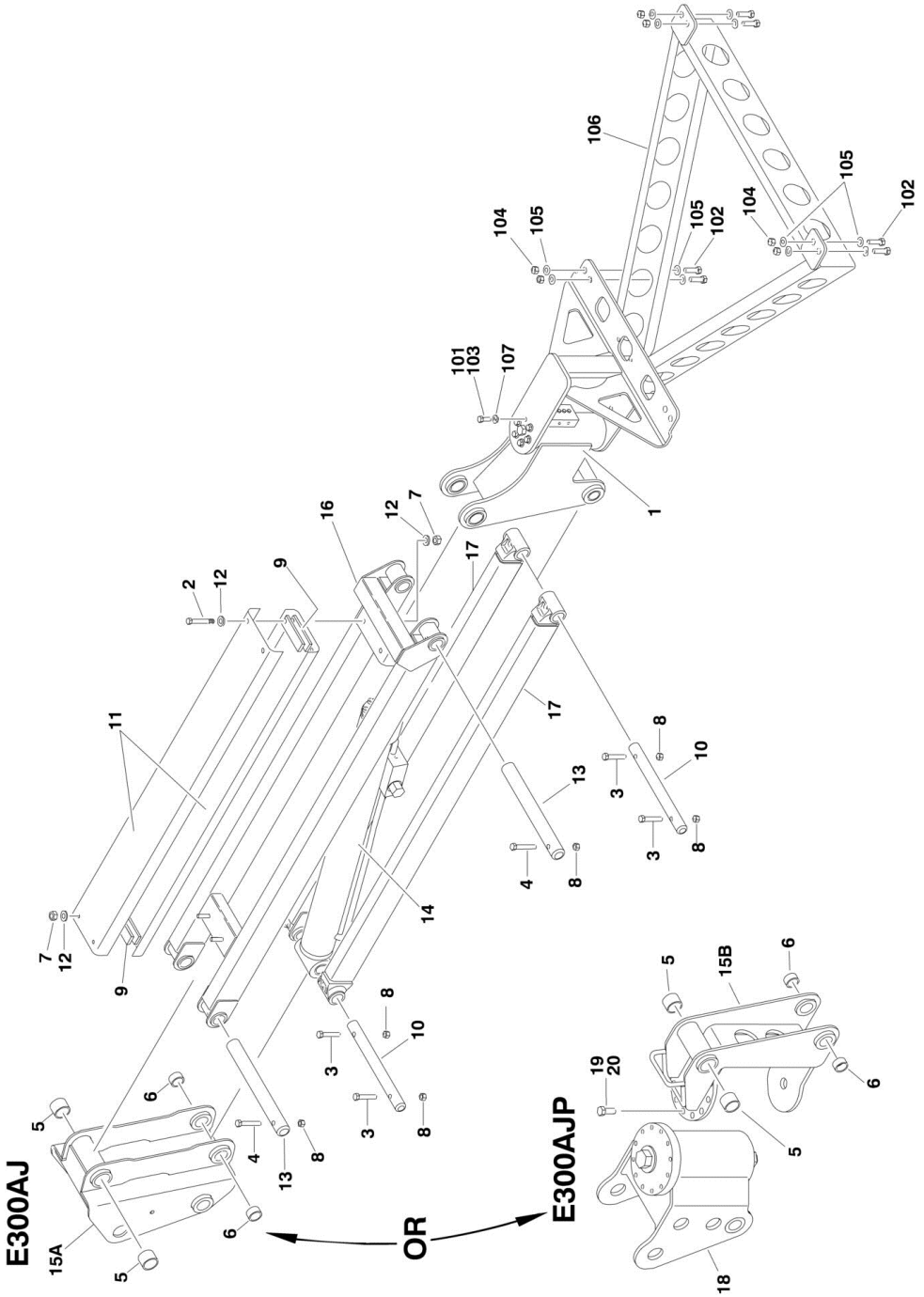


FIGURE 3-4. JIB ASSEMBLY AND PLATFORM SUPPORT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**NOTE: SERVICE KITS ARE AVAILABLE FOR SOME MACHINES SN 0300138358 TO SN 0300157824 COMPONENTS. IDENTIFY BY HARDWARE TYPE. ORIGINAL EQUIPMENT USES SAE HARDWARE. SERVICE KIT COMPONENTS USE METRIC HARDWARE.**	
		Ref	**JIB ASSEMBLY**	
	1001107615	Ref	**Jib Assembly (Use p/n 1001125318) E300AJ (SN 0300138358 through 0300157823)**	1-C
	1001123025	Ref	**Jib Assembly (Use p/n 1001125318) E300AJ (SN 0300157824 to Present)**	1-A
	1001107614	Ref	**Jib Assembly (Use p/n 1001123024) E300AJP (SN 0300138358 through 0300157823)**	A-C
	1001123024	Ref	**Jib Assembly E300AJP (SN 0300157824 to Present)**	A
1	0060044	1	Platform Rotator Assembly (See PLATFORM ROTATOR ASSEMBLY for Breakdown)	
2		Ref	Bolt Options:	
2	0641516	2	Bolt 5/16in-18NC x 2in **(SN 0300138358 through 0300157823)**	
2	0700818	2	Bolt M8 x 50mm **(SN 0300157824 to Present)**	
3		Ref	Bolt Options:	
3	0641616	4	Bolt 3/8in-16NC x 2in **(SN 0300138358 through 0300157823)**	
3	0701018	4	Bolt M10 x 50mm **(SN 0300157824 to Present)**	
4		Ref	Bolt Options:	
4	0641618	2	Bolt 3/8in-16NC x 2-1/4in **(SN 0300138358 through 0300157823)**	
4	0701020	2	Bolt M10 x 60mm **(SN 0300157824 to Present)**	
5	0961951	2	Bushing	
6	0962292	2	Bushing	
7		Ref	Nut Options:	
7	3311501	4	Nut 5/16in-18NC **(SN 0300138358 through 0300157823)**	
7	3290805	4	Nut M8 **(SN 0300157824 to Present)**	
8		Ref	Locknut 3/8in-16NC	
8	3311605	6	Nut 3/8in-16NC **(SN 0300138358 through 0300157823)**	
8	3291005	6	Nut M10 **(SN 0300157824 to Present)**	
9	3340860	4	Pad, Rubber	
10	3422791	2	Pin	
11	3572551	2	Channel, Hose Carrier	
12		Ref	Flatwasher Options:	
12	4751500	6	Flatwasher 5/16in Regular **(SN 0300138358 through 0300157823)**	
12	4811902	6	Flatwasher M8 **(SN 0300157824 to Present)**	
13		Ref	Pin	
13	3422794	2	Pin **(SN 0300138358 through 0300157823)**	
13	1001116550	2	Pin **(SN 0300157824 to Present)**	
14	1001108429	1	Lift Cylinder Assembly - Jib (See CYLINDER SECTION for Breakdown)	
15		Ref	Support, Jib Options:	
15A	1001103437	1	Support (Use p/n 1001125321) E300AJ **(SN 0300138358 through 0300157823)**	
15A	1001118394	1	Support (Use p/n 1001125321) E300AJ **(SN 0300157824 to Present)**	
15B	4846502		Support (E300AJP)	
16		Ref	Link, Jib (Top) Options:	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
16	4846278	1	Link **(SN 0300138358 through 0300157823)**	
16	1001118482	1	Link **(SN 0300157824 to Present)**	
17		Ref	Link, Jib (Bottom) Options:	
17	1001094670	2	Link **(SN 0300138358 through 0300157823)**	
17	1001118516	2	Link **(SN 0300157824 to Present)**	
18	0060065	1	Jib Swing Rotator Assembly (E300AJP Only) (See JIB SWING ROTATOR ASSEMBLY for Breakdown)	
19	3931816	1	Capscrew 1/2in-13NC x 1in	
20	0100011	AR	Compound, Locking	
		Ref	**PLATFORM SUPPORT INSTALLATION**	
	0272976	Ref	**Machines without Load Sensing**	A
	See Note	Ref	**Machines with Load Sensing (Note: Contact JLG Customer Service and Request Manual p/n 3124287.)**	
101	0100011	AR	Compound, Locking	
102	0641610	8	Bolt 3/8in-16NC x 1-1/4in	
103	0681608	6	Bolt 3/8in-16NC x 1in (Grade 8)	
104	3311605	1	Locknut 3/8in-16NC	
105	4711600	1	Flatwasher 3/8in Thin	
106		Ref	Support, Platform Options:	
106	4846608	1	Machines without Load Sensing	
106	See Note Above	1	Machines with Load Sensing	
107	4891600	8	Flatwasher 3/8in Hardened	

FIGURE 3-5. PLATFORM ROTATOR ASSEMBLY

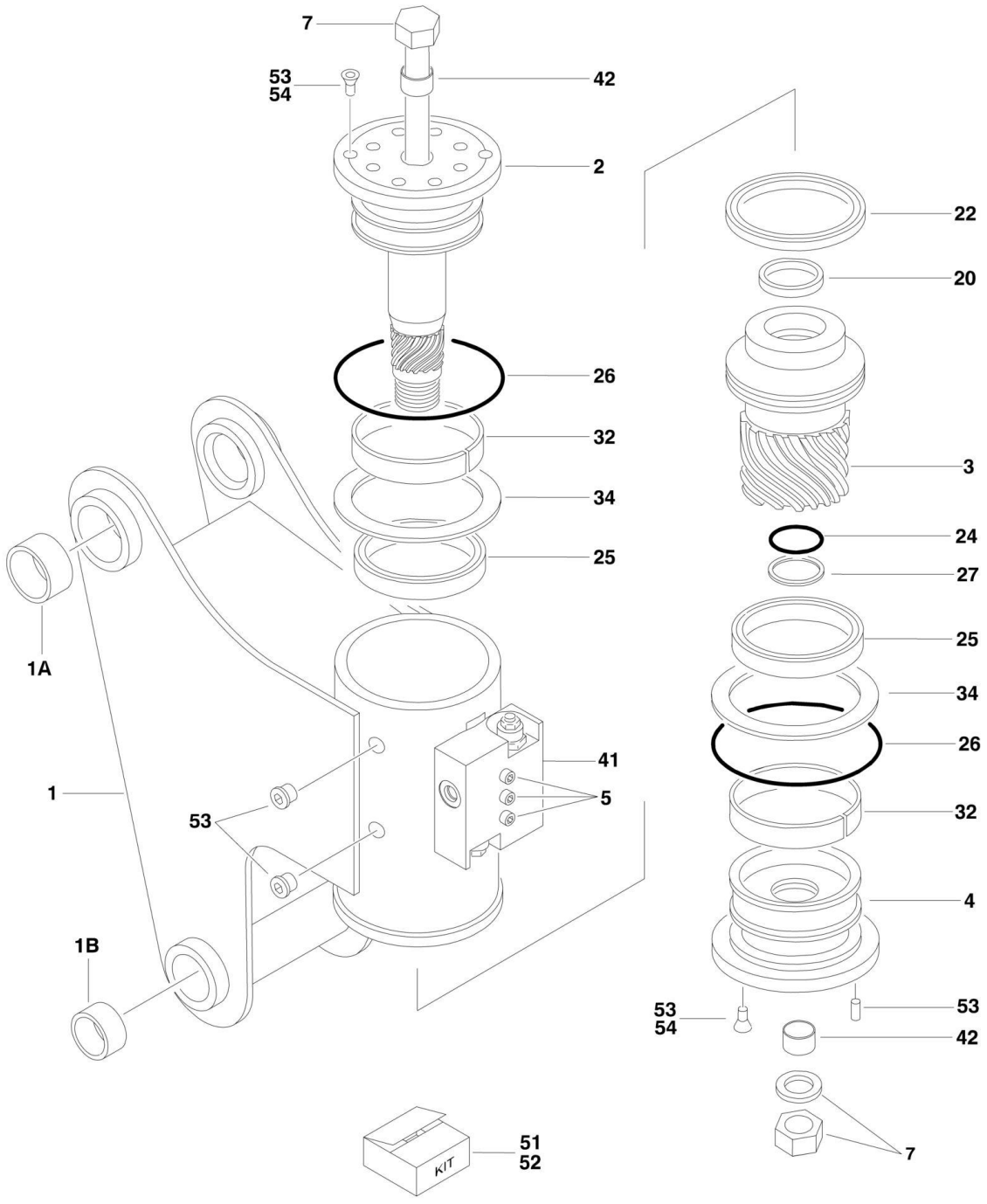


FIGURE 3-5. PLATFORM ROTATOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0060044	Ref	**PLATFORM ROTATOR ASSEMBLY**	D
		Ref	**Note: There are 2 different versions of Rotator p/n 0060044 and no SN break exists. Order internal parts by the Helac Control #.**	
1	0060044	1	Case/Bracket Weldment (Note: Not available for purchase)	
1A	0962257	2	Bushing, Garmax	
1B	0961947	2	Bushing, Garmax	
2		Ref	Shaft Options:	
2	7017120	1	Helac Control #25928	
2	7017196	1	Helac Control #26962	
3		Ref	Sleeve, Piston Options:	
3	7017121	1	Helac Control #25928	
3	7027900	1	Helac Control #26962	
4		Ref	Cap, End	
4	0060044	1	Helac Control #25928 (Note: Not available for purchase)	
4	7027901	1	Helac Control #26962	
5	See Note	3	Capscrew 1/4in-20NC (Grade 8) (Note: Not Available for Purchase)	
7	7017126	1	Tie Rod Assembly	
20	See Note	1	Seal, Rod (Note: Use Item 52)	
22	See Note	1	Seal, Piston (Note: Use Item 52)	
24	See Note	1	Seal, Cap (Note: Use Item 52)	
25	See Note	2	Packing, Bearing (Note: Use Item 52)	
26	See Note	2	Seal (Note: Use Item 52)	
27	See Note	1	Ring, Cap Back-Up (Note: Use Item 52)	
32	7017122	2	Bearing, Shaft	
34	7017122	2	Thrustwasher	
41	7017172	1	Counterbalance Valve Assembly	
41	7017192	2	Cartridge, Valve (No Seal Kit Available)	
42	See Note	2	Bushing, Shaft (Note: Not available for purchase)	
51	7017122	1	Bearing Kit (Includes Items 32 & 34):	
52		Ref	Seal Kit Options (Includes Items 20, 22, 24, 25, 26 & 27):	
52	7017127	1	Standard	
52	70000341	1	Cold Climate	
53	7017123	1	Hardware Kit	
54	70001697	4	Screw, Countersunk 1/4in-20NC x 3/8in (Grade 8)	

FIGURE 3-6. JIB SWING ROTATOR ASSEMBLY (E300AJP ONLY)

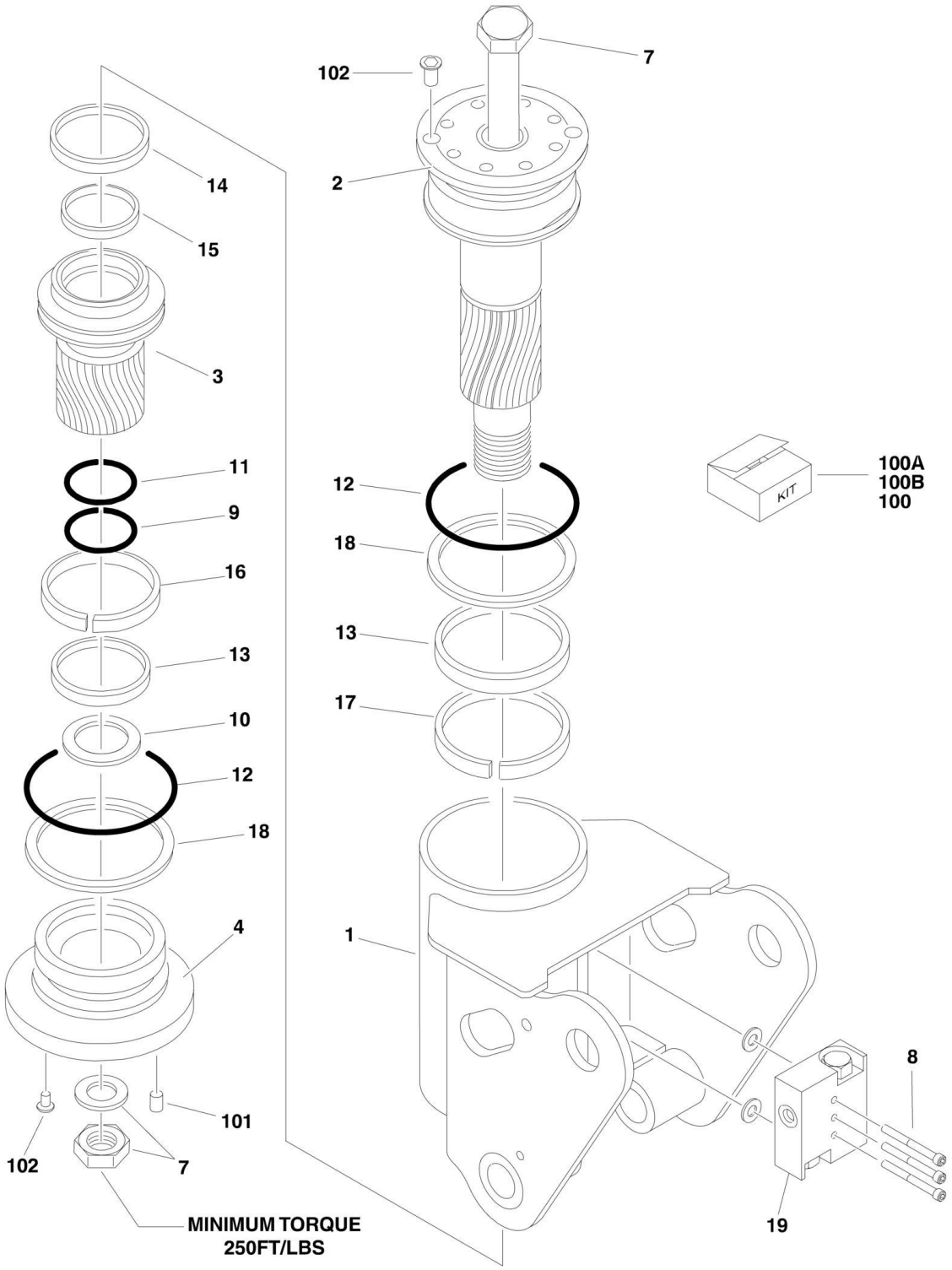


FIGURE 3-6. JIB SWING ROTATOR ASSEMBLY (E300AJP ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0060065	Ref	**JIB SWING ROTATOR ASSEMBLY**	C
1	0060065	1	Case/Bracket Weldment (Note: Not available for purchase)	
2	7017167	1	Shaft	
3	7017168	1	Sleeve, Piston	
4	0060065	1	Cap, End (Note: Not available for purchase)	
7	0060065		Tie Rod Assembly (Note: Not available for purchase)	
8	See Note	3	Capscrew 1/4in-20NC (Grade 8) (Note: Not available for purchase)	
9	See Note	1	Seal, Cap (Note: Use Item 100A or 100B)	
10	See Note	1	Ring, Back-Up Cap (Note: Use Item 100A or 100B)	
11	See Note	1	Seal, Rod (Note: Use Item 100A or 100B)	
12	See Note	1	Seal, Piston (Note: Use Item 100A or 100B)	
13	See Note	2	Packing, Bearing (Note: Use Item 100A or 100B)	
14	See Note	1	Seal (Note: Use Item 100A or 100B)	
15	See Note	1	Seal (Note: Use Item 100A or 100B)	
16	7017178	1	Bearing, Cap	
17	7017178	1	Bearing, Shaft	
18	7017178	2	Thrustwasher	
19	7017172	1	Counterbalance Valve Assembly	
19	7017192	2	Cartridge, Valve (No Seal Kit Available)	
100		Ref	Seal Kit Options (Includes Item 9-15):	
100A	7017165	1	Standard	
100B	70000340	1	Cold Climate	
101	7017178	1	Bearing Kit (Includes Item 16-18)	
102	7017179	1	Hardware Kit (Includes Setscrews and Plugs)	

FIGURE 3-7. CABLE, CLAMPS AND LIMIT SWITCHES INSTALLATION

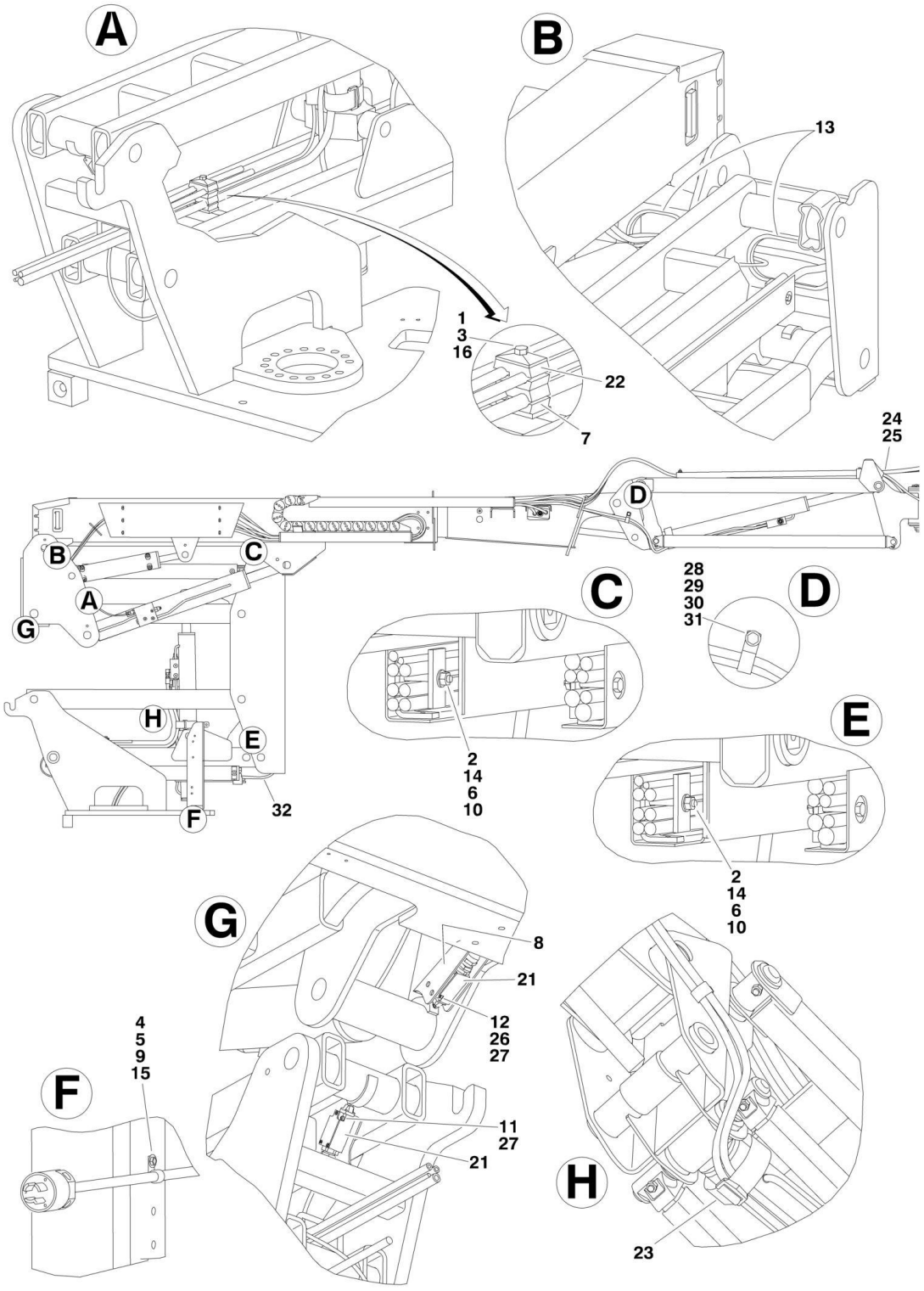


FIGURE 3-7. CABLE, CLAMPS AND LIMIT SWITCHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**BOOM CABLE CLAMPS INSTALLATION**	
	1001109562	Ref	**Boom Cable Clamps Installation E300AJ**	D
	1001109563	Ref	**Boom Cable Clamps Installation E300AJP**	D
		Ref	**Note: See Main Boom Assembly for Additional Components.**	
1	0100011	AR	Compound, Locking	
2	0641416	6	Bolt 1/4in-20NC x 2in	
3	0641511	1	Bolt 5/16in-18NC x 1-3/8in	
4	0721006	1	Screw #10-24NC x 3/4in	
5	1320043	1	Clamp	
6	1320261	6	Clamp	
7	1320262	1	Clamp	
8	1670899	1	Cover	
9	3311005	1	Locknut #10-24NC	
10	3311405	6	Locknut 1/4in-20NC	
11	3930820	2	Capscrew #10-24NC x 1-1/4in	
12	3930828	2	Capscrew #10-24NC x 1-3/4in	
13	4060808	31 in/79cm	Flex Trim	
14	4711400	6	Flatwasher 1/4in Thin	
15	4751400	2	Flatwasher 1/4in Regular	
16	8750011	1	Bolt, Stacking	
21	1001109814	1	Harness, Boom (Includes Limit Switches) (See ELECTRICAL SECTION for Breakdown)	
22	1320159	1	Clamp	
23	4240156	2	Strap, Cinch	
24	4240033	AR	Tie-Strap	
25	4240018	AR	Tie-Strap	
26	3310805	4	Locknut #8-32NC	
27	4750800	4	Flatwasher #8 Regular	
28	1320130	1	Clamp (E300AJ Only)	
29	0641608	1	Bolt 3/8in-16NC x 1in (E300AJ Only)	
30	3311605	1	Locknut 3/8in-16NC (E300AJ Only)	
31	4751600	2	Flatwasher 3/8in Regular (E300AJ Only)	
32	4100066	2	Sleeve, Hose Wrap	

SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM ASSEMBLY

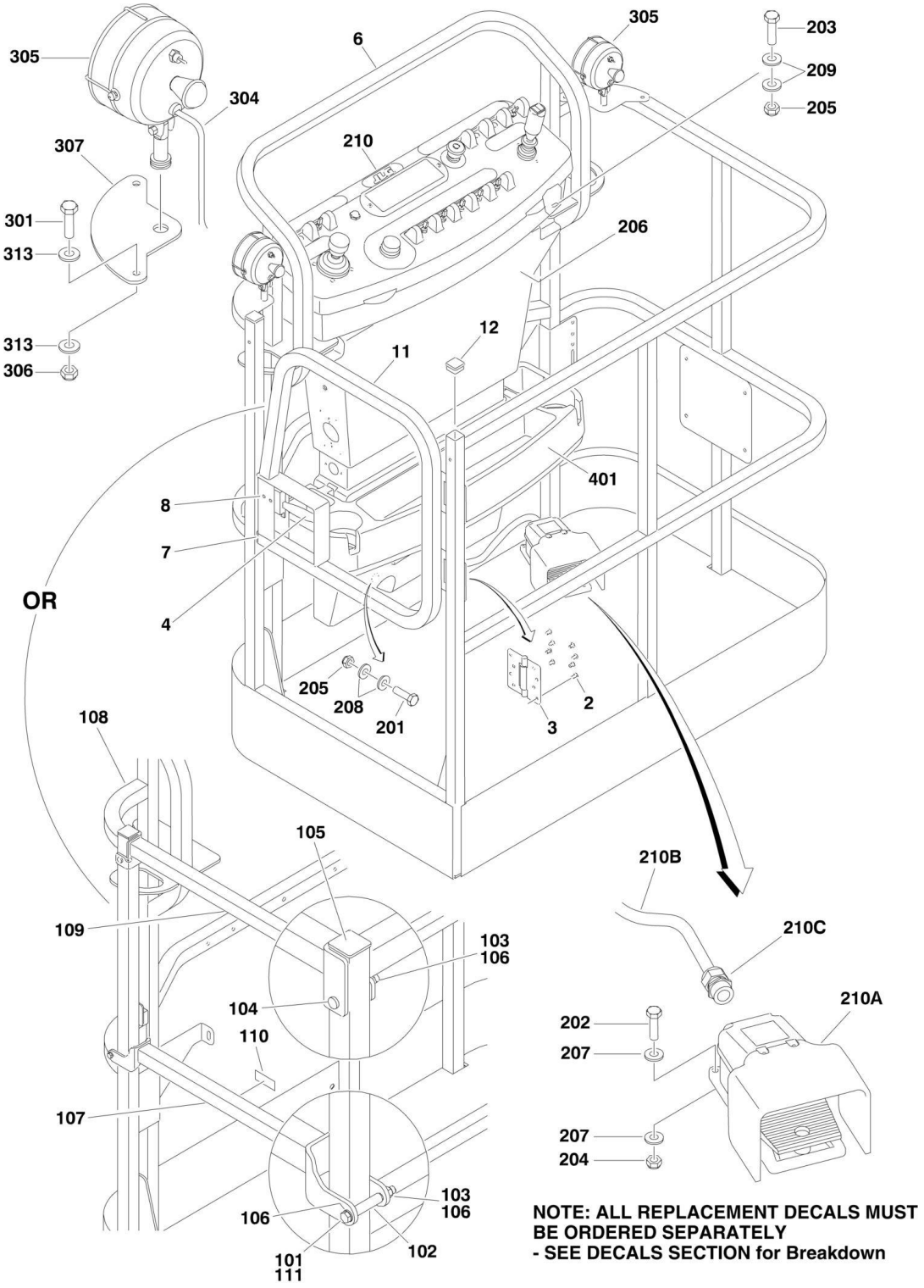


FIGURE 4-1. PLATFORM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**PLATFORM ASSEMBLY WITH GATE**	
	3510830	Ref	**Platform Assembly (Use p/n 1001144027) (SN 0300138358 through 0300157272)**	B-M
	1001117149	Ref	**Platform Assembly (Use p/n 1001145411) (SN 0300157273 through 0300163750)**	B-E
	1001144027	Ref	**Platform Assembly (SN 0300163751 to Present)**	B
		Ref	**Note: Original Equipment platform may have been replaced with Service Replacement platform. Identify platform before ordering parts.**	
		Ref	**Note: Replacement Decals Must Be Ordered Separately - See DECALS SECTION.**	
2	2080040	16	Fastener, Huck	
3	2600281	2	Hinge, Self-Closing	
4	2940074	1	Latch	
6	See Note	1	Platform Weldment (Note: Not Available - Purchase Complete Platform Assembly)	
7		Ref	Cap-Plug	
7	3520072	1	Platform p/ns 3510830, 1001117149 & 1001144027	
7	1001144630	1	Platform p/ns 1001145411 & 1001144027	
8	3820020	4	Rivet, Pop	
11		Ref	Gate Weldment Options:	
11	4846452	1	Gate for Original Equipment Platform p/n 3510830 **(SN 0300138358 through 0300157272)**	
11	1001144629	1	Gate for Service Replacement Platform p/n 1001144027 **(SN 0300138358 through 0300157272)**	
11	1001114341	1	Gate for Original Equipment Platform p/n 1001117149 **(SN 0300157273 through 0300163750)**	
11	1001144629	1	Gate for Service Replacement Platform p/n 1001145411 **(SN 0300157273 through 0300163750)**	
11	1001144629	1	Gate for Platform p/n 1001144027 **(SN 0300163751 to Present)**	
12		Ref	Cap-Plug Options:	
12	3520198	2	Platform p/ns 3510830, 1001117149 & 1001144027	
12	1001145781	2	Platform p/n 1001145411	
		Ref	**PLATFORM ASSEMBLY WITH DROP-BAR**	
	1001139371	Ref	**Platform Assembly (Use p/n 1001145410) (SN 0300138358 through 0300163750)**	B-B
	1001144018	Ref	**Platform Assembly (SN 0300163751 to Present)**	B
		Ref	**Note: Replacement Decals Must Be Ordered Separately - See DECALS SECTION.**	
101		Ref	Bolt Options:	
101	0700620	2	Bolt M6 x 60mm	
101	0641418	2	Bolt 1/4in-20NC x 2-1/4in	
102	0961845	2	Bushing	
103		Ref	Nut	
103	3290606	4	Cap Nut M6	
103	3300151	4	Acorn Nut 1/4in-20NC	
104	4010618	2	Screw M6 x 50mm	
105		Ref	Cap-Plug Options:	
105	3520198	2	Platform p/ns 1001139371 & 1001144018	
105	1001145781	2	Platform p/n 1001145410	
106		Ref	Flatwasher Options:	

SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
106	4811700	6	Flatwasher M6	
106	4711400	6	Flatwasher 1/4in Thin	
107	1001138494	1	Bar, Drop	
108	See Note	1	Platform Weldment (Note: Not Available - Purchase Complete Platform Assembly)	
109	1001138514	1	Rail (Top)	
110	1001140429	1	Decal - Drop-Bar	
111	0100011	AR	Compound, Locking	
		Ref	**PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION**	
	1001109901	Ref	**Platform Console and Footswitch Installation E300AJ (Use p/n 1001146099)**	A-B
	1001109902	Ref	**Platform Console and Footswitch Installation E300AJP (Use p/n 1001146100)**	A-B
201	0641406	4	Bolt 1/4in-20NC x 3/4in	
202	0641408	3	Bolt 1/4in-20NC x 1in	
203	0641610	4	Bolt 3/8in-16NC x 1-1/4in	
204	3311405	7	Locknut 1/4in-20NC	
205	3311605	4	Locknut 3/8in-16NC	
206	3380434	1	Panel, Pedestal	
207	4740362	7	Washer, Fender 1/4in	
208	4751400	4	Flatwasher 1/4in Regular	
209	4751600	8	Flatwasher 3/8in Regular	
210		Ref	Console Box Assembly (Not Shown - See PLATFORM CONSOLE ASSEMBLY for Breakdown)	
210A		Ref	Footswitch Assembly (Includes Footswitch and Items 210B & 210C)	
210A	0272971	1	Footswitch Assembly **(SN 0300138358 through 0300169753)**	C
210A	1001136889	1	Footswitch Assembly **(SN 0300169754 to Present)**	A
		Ref	**Note: All machines SN 0300138358 to SN 0300167692 use assembly p/n 0272971. Assembly p/n 0272971 may use either p/n 4360031 or p/n 1001117320. Identify component before ordering parts.**	
210A		Ref	Footswitch Less Cable Options:	
210A	4360031	1	Footswitch Less Cable **(SN 0300138358 through 0300143940)**	
210A	1001117320	1	Footswitch Less Cable **(SN 0300143941 through 0300169753)**	
210A	1001117172	1	Footswitch Less Cable **(SN 0300169754 to Present)**	
210A		Ref	Block, Contact Options (See Note Above):	
210A	7000625	2	Contact Block for p/n 4360031	
210A	70003483	1	Contact Block for p/n 1001117320	
210A	70002902	1	Contact Block for p/n 1001117172	
210A		Ref	Cover Components (Footswitch p/n 1001117172 Only)	
210A	70002903	1	Gasket	
210A	70002905	1	Cover	
210A	70002904	1	Bolt Kit	
210A	3252347	1	Nameplate (Note: See DECALS SECTION for Other Languages)	
210B	1060330	7 ft/2.2m	Cable, Electrical 16/3	A
210C	4460071	1	Connector, Strain Relief	
	1001110270	Ref	**WORKLIGHTS INSTALLATION**	B
301	0641414	4	Bolt 1/4in-20NC x 1-3/4in	
304	2820035	AR	Tubing, Insulate	
305	2920095	2	Worklight Assembly	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
305	7016356	2	Bulb, Replacement	
306	3311405	4	Locknut 1/4in-20NC	
307	3536089	2	Plate, Mounting	
309	4240099	10	Tie-Strap (Not Shown)	
313	4711400	8	Flatwasher 1/4in Thin	
314	1001110393	1	Harness, Worklight (Not Shown - See ELECTRICAL SECTION for Breakdown)	
315	1705170	1	Decal - Lights (Not Shown - Located on Console)	
316	4360522	1	Switch, Push Button (Not Shown - Located on Console)	
		Ref	**TRAY INSTALLATIONS (OPTIONAL)**	
401	1580012	1	Tray, Storage (Center)	

FIGURE 4-2. PLATFORM CONSOLE ASSEMBLY

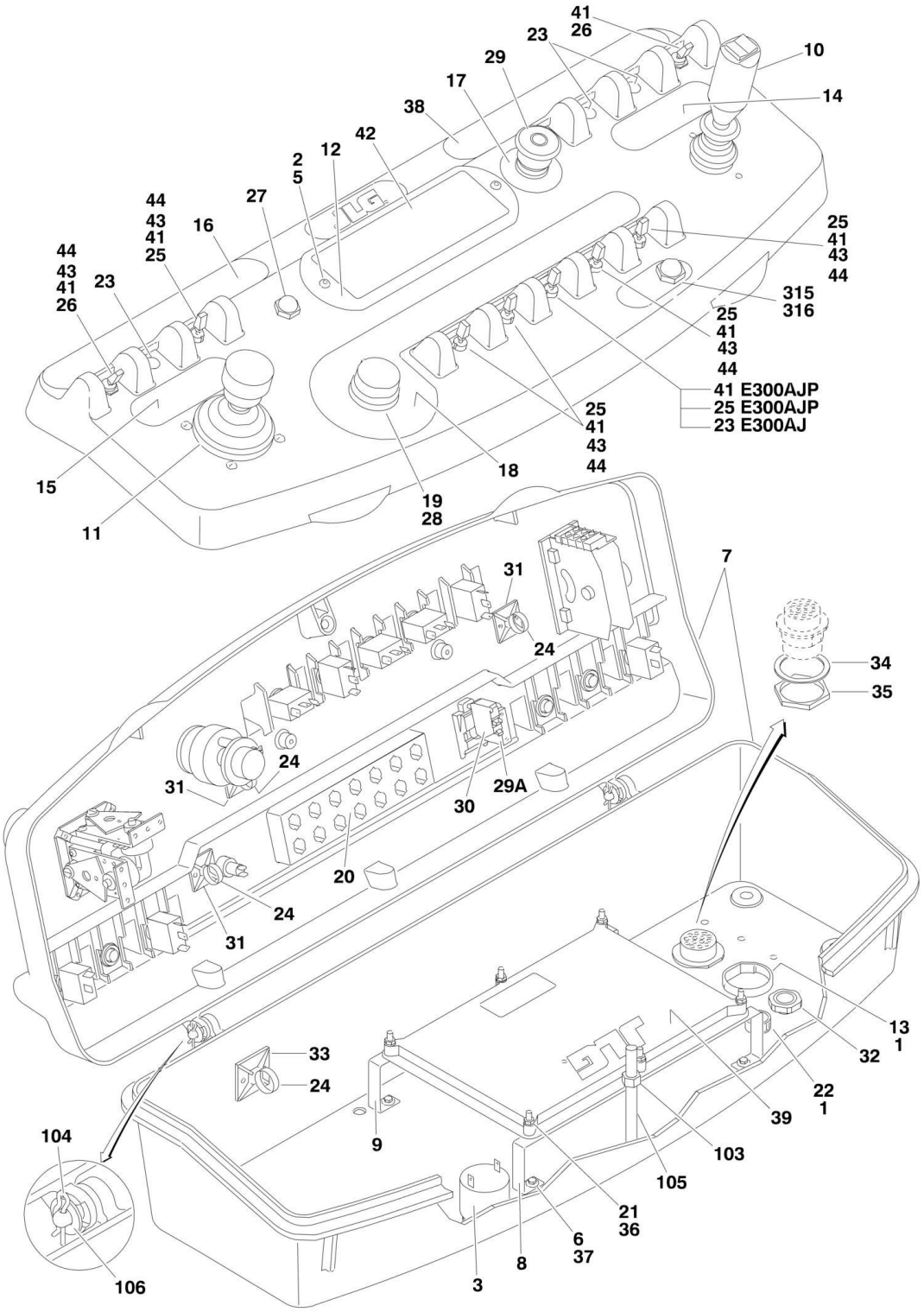


FIGURE 4-2. PLATFORM CONSOLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**PLATFORM CONSOLE ASSEMBLY**	
	1001109857	Ref	**Platform Console Assembly E300AJ (Use p/n 1001146101) (Prior to SN 0300194240)**	A-G
	1001175613	Ref	**Platform Console Assembly E300AJ (SN 0300194240 to Present)**	B
	1001109858	Ref	**Platform Console Assembly E300AJP (Use p/n 1001146102) (Prior to SN 0300194240)**	A-G
	1001175614	Ref	**Platform Console Assembly E300AJP (SN 0300194240 to Present)**	B
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
5	0630464	2	Screw, Buttonhead #10-24NC x 1/2in	
6	0720804	4	Bolt #8-32NC x 1/2in	
7	0861537	1	Box, Console (See Items 101-106 for Breakdown)	
8	0902575	1	Bracket, Support **(Prior to SN 0300194240)**	
9		Ref	Bracket, Support, Platform module Options:	
9	0902588	1	Bracket, Support Platform module **(Prior to SN 0300194240)**	
9	1001175997	2	Bracket, Support Platform module **(SN 0300194240 to Present)**	
10		Ref	Controller Assembly (Drive and Steer) Options (See CONTROLLER ASSEMBLY (DRIVE AND STEER) for Breakdown):	
10	1600273	1	Controller Assembly (Use p/n 1001118418) **(SN 0300138358 through 0300147070)**	
10	1001118418	1	Controller Assembly **(SN 0300147071 through 0300194240)**	
10	1001178132	1	Controller Assembly **(SN 0300194240 to Present)**	
11		Ref	Controller Assembly (Lift and Swing) Options (See CONTROLLER ASSEMBLY (LIFT AND SWING) for Breakdown):	
11	1600274	1	Controller Assembly (Use p/n 1001118419) **(SN 0300138358 through 0300147070)**	
11	1001118419	1	Controller Assembly **(SN 0300147071 through 0300194240)**	
11	1001178139	1	Controller Assembly **(SN 0300194240 to Present)**	
12	1670829	1	Bezel	
13	1671037	1	Plug, Hole (Use p/n 1001110435)	
14	1702565	1	Decal (Drive and Steer)	
15	1702566	1	Decal (Lift and Swing)	
16	1704240	1	Decal (Horn)	
17	1704260	1	Decal (EMS)	
18	1704422	1	Decal (Function Speed)	
19	2560136	1	Handle, Knob	
20	2760105	1	Housing, Display Light	
21	3310601	6	Nut #6-32NC	
22	3520030	1	Plug, Hole	
23	3520054	AR	Plug, Hole	
24	4240032	AR	Tie-Strap	
25		Ref	Switch, Toggle Options:	
25	4360328	5	Switch, Toggle **(Prior to SN 0300194240)**	
25	1001155045	5	Switch, Toggle **(SN 0300194240 to Present)**	
26		Ref	Switch, Toggle (Momentary) Options:	
26	4360330	2	Switch, Toggle **(Prior to SN 0300194240)**	
26	1001159256	2	Switch, Toggle (Momentary) **(SN 0300194240 to Present)**	
27	4360387	1	Switch, Pushbutton	

SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
28	4360462	1	Controller, Speed	
29	4360475	1	Switch, Emergency Stop	
29	7020175	1	Cap, Red	
29A	7020176	1	Contact Block	
30	4360476	1	Block, Contact	
31	4460234	3	Base, Mounting	
32	4460428	1	Connector, Strain Relief	
33	4460488	1	Base, Mounting	
34	4460496	1	Lockwasher, Terminal	
35	4460497	1	Nut, Terminal	
36	4750600	6	Flatwasher #6 Regular	
37	4750800	4	Flatwasher #8 Regular	
38		Ref	Decal (Stop) Options:	
38	1001107677	1	Decal (Stop) (Use p/n 1001132175)	
38	1001132175	1	Decal (Stop) **(SN 0300150080 to Present)**	
39	1001109498	1	Controller, Module (Re-calibration Required when Replaced)	
41	3790012	AR	O-Ring	
42	1001110226	1	Panel, LED Light	
43	4740397	7	Spacer, Washer **(SN 0300194240 to Present)**	
44	1001155044	7	Nut-spec, 15/32-32 UNS-2B **(SN 0300194240 to Present)**	
50	1001119566	1	Decal Kit - Platform Console Box (Includes Items 14 - 18, 38 & 42)	
	0861537	Ref	**CONSOLE BOX ASSEMBLY**	F
103	3311601	1	Nut 3/8in-16NC	
104	3470003	2	Pin, Cotter	
105	0630568	1	Screw 3/8in-16NC x 4-1/2in	
106	4711500	2	Flatwasher 5/16in Thin	
	0272111	Ref	**FITTING ENCLOSURES INSTALLATION (UL SPEC ONLY) (NO SHOWN)**	B
201	0100009	AR	Sealant	
202	3520173	8	Plug	
	1001110270	Ref	**WORKLIGHTS INSTALLATION**	B
315	1705170	1	Decal - Lights (Not Shown - Located on Console)	
316	4360522	1	Switch, Push Button (Not Shown - Located on Console)	

FIGURE 4-3. CONTROLLER ASSEMBLY (DRIVE AND STEER) (Prior to SN 0300194240)

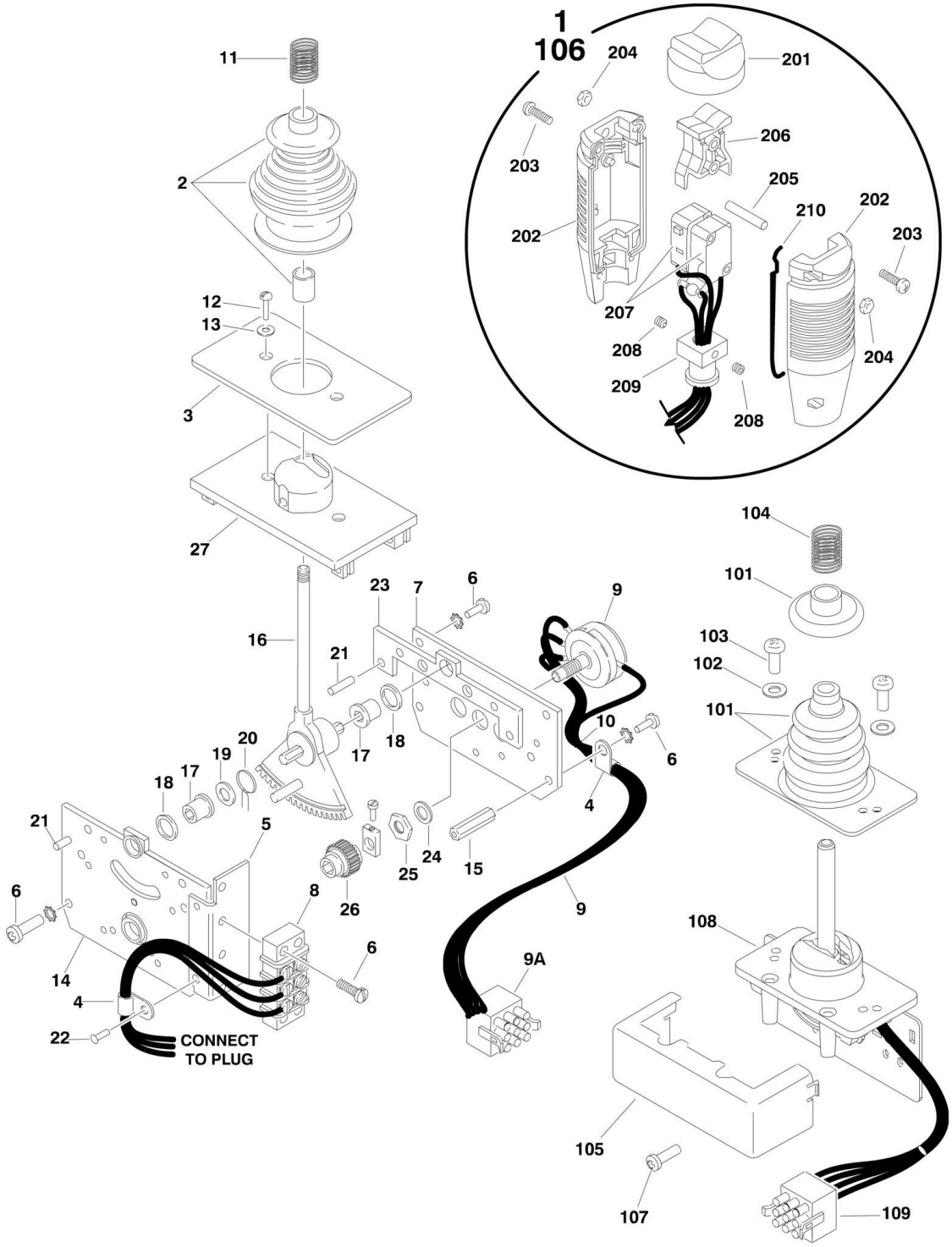


FIGURE 4-3. CONTROLLER ASSEMBLY (DRIVE AND STEER) (Prior to SN 0300194240)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.**	
		Ref	**CONTROLLER ASSEMBLY (Prior to SN 0300194240)**	
	See Note	Ref	**Controller Assembly (Note: Original Equipment for SN 0300138358 to SN 0300147071 is p/n 1600273. Use p/n 1001118418 as Service Replacement.)**	G
1	7022812	1	Handle Assembly (See Items 201-210 for Breakdown)	
2	7019161	1	Boot and Sleeve	
3	7003933	1	Gasket	
4	7019154	2	Clamp, Wire	
5	7019159	1	Bracket, Mounting	
6	7003994	10	Screw	
7	7019157	1	Plate, Pot Mounting	
8	7003986	1	Strip, Terminal - 3 Position	
9	7019191	1	Electric Assembly	
9	7003974	1	Potentiometer	
9A	4460265	1	Plug, Male - 9 Position	
9A	4460226	7	Socket, Female	
10	7019151	AR	Tie-Strap	
11	7019162	1	Spring	
12	7003940	2	Screw (was p/n 7003969)	
13	7003941	2	Washer	
14	7019158	1	Plate, Mounting (Left Side)	
15	7019115	2	Stand-Off	
16	1001118418	1	Shaft 8mm (Note: Not available for purchase)	
17	7019111	2	Bearing	
18	7019110	2	Spacer, Head Gear	
19	7019112	1	Washer	
20	7003946	1	Spring, Return	
21	7019103	4	Pin	
22	See Note	1	Rivet (Note: Not Available - Purchase Locally)	
23	7019168	1	Plate, Mounting (Right Side)	
24	7003992	1	Washer	
25	7003993	1	Nut	
26	7003935	1	Gear, Slave	
27	7019160	1	Base	
	1001118418	Ref	**Controller Assembly (Service Replacement) (Original Equipment) (SN 0300147071 to Present, SN 0300138358 through 0300147071)**	B
101	70002724	1	Boot and Control Lock Assembly	
102	7003941	2	Washer	
103	70002725	2	Screw	
104	7019162	1	Spring	
105	70002726	1	Enclosure	
106	70002736	1	Handle Assembly (See Items 201-210 for Breakdown)	
107	70002728	1	Screw	
108	1001118418	1	Mechanical Assembly (Note: Not available for purchase)	
109	4460265	1	Plug, Male - 9 Position	
109	4460226	7	Socket, Female	
		Ref	**HANDLE ASSEMBLIES**	

SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7022812	Ref	**Controller Assembly p/n 1600273**	
	70002736	Ref	**Controller Assembly p/n 1001118418**	
201	7003972	1	Boot, Switch	
202	7003973	2	Half, Handle	
203	7003980	4	Screw	
204	7019167	4	Nut	
205	7019164	1	Axle	
206	7019165	1	Rocker	
207		Ref	Wiring Assembly Options:	
207	7019196	1	Controller Assembly p/n 1600273	
207	7003982	2	Switch, Micro for p/n 1600273	
207	70002737	1	Controller Assembly p/n 1001118418	
207	7003982	2	Switch, Micro for p/n 1001118418	
208	7003983	2	Setscrew	
209	7019194	1	Coupling	
210	7003989	2	Gasket	

FIGURE 4-4. CONTROLLER ASSEMBLY (DRIVE AND STEER) (SN 0300194240 to Present)

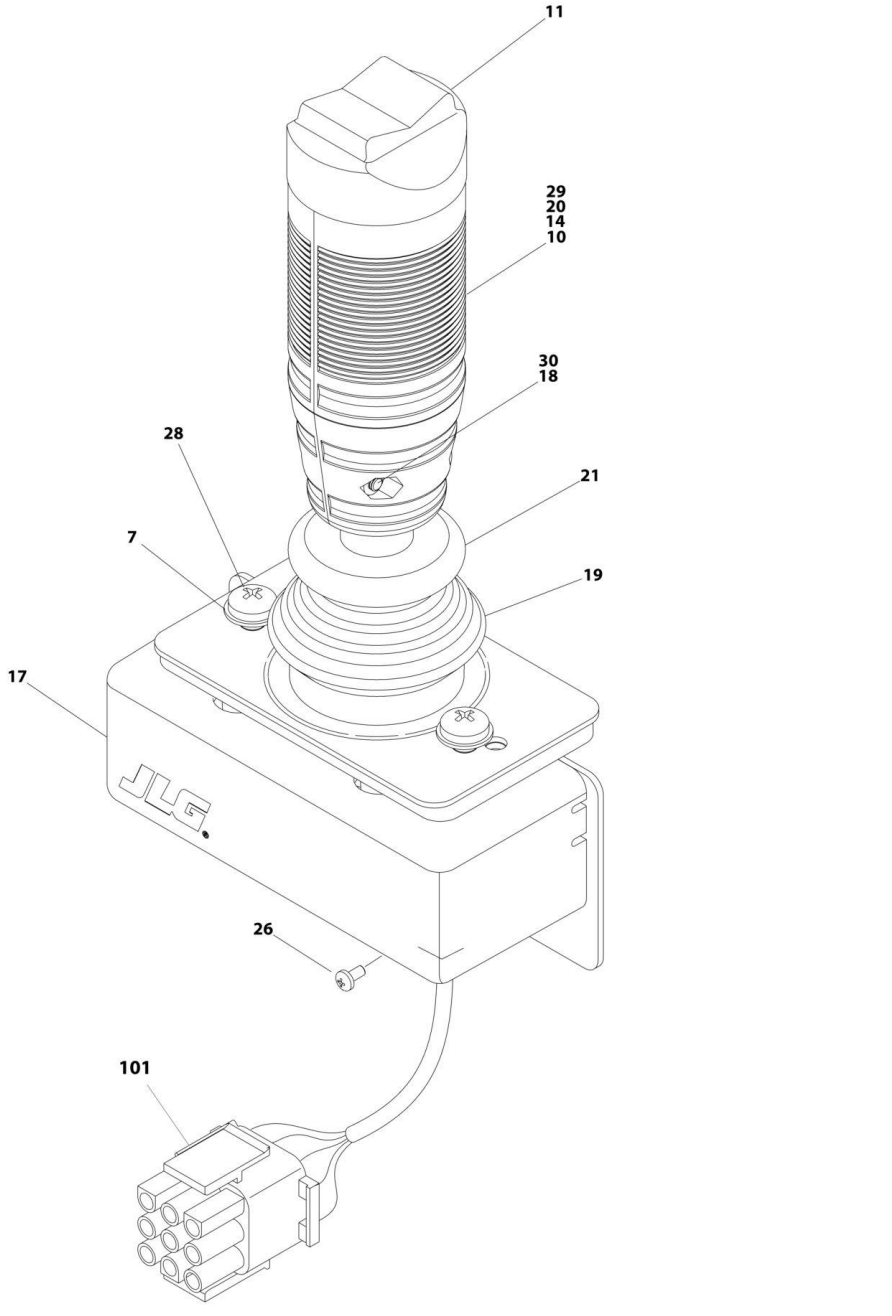


FIGURE 4-4. CONTROLLER ASSEMBLY (DRIVE AND STEER) (SN 0300194240 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178132	Ref	CONTROLLER ASSEMBLY **(SN 0300194240 to Present)**	A
7	70004738	2	Washer	
10	70004739	1	Roller	
11	70004740	1	Boot, Switch	
14	70004741	2	Half, Handle	
17	70004742	1	Enclosure	
18	70004743	4	Nut	
19	70004744	1	Boot, Controller	
20	70004745	1	Tube, Locking	
21	70004746	1	Disc, Locking	
25	70004747	2	Seal, Rope	
26	70004748	1	Screw, M3 x 6mm	
28	70004749	2	Screw, M5 x 20mm	
29	70004750	1	Pin, Dowel	
30	70004751	4	Screw, M3 x 16mm	
101	4460265	1	Connector - 9 Position	
101	4460226	7	Socket, Female	

FIGURE 4-5. CONTROLLER ASSEMBLY (SWING AND LIFT) (Prior to SN 0300194240)

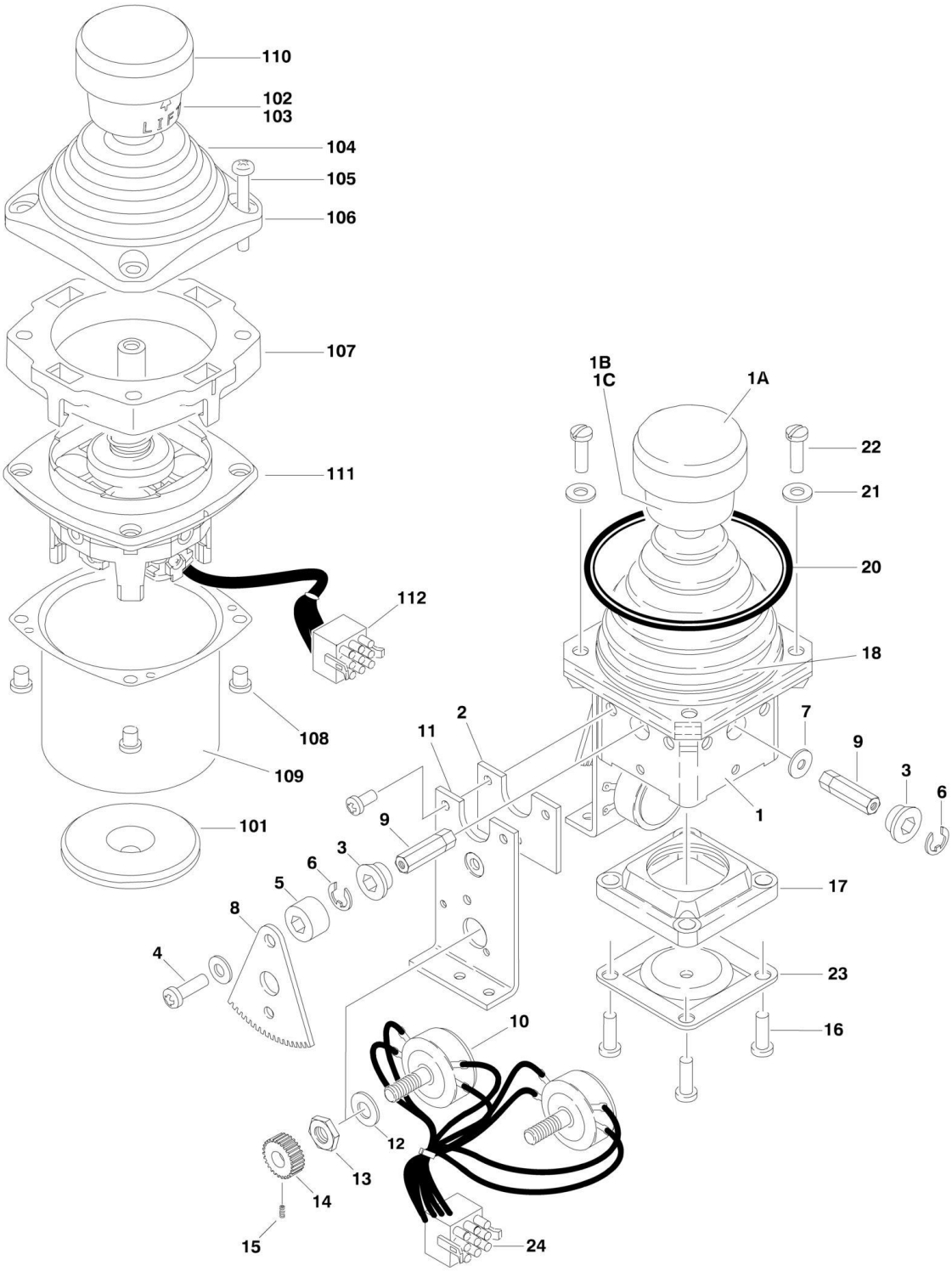


FIGURE 4-5. CONTROLLER ASSEMBLY (SWING AND LIFT) (Prior to SN 0300194240)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.**	
		Ref	**CONTROLLER ASSEMBLY (Prior to SN 0300194240)**	
	See Note	Ref	**Controller Assembly (Note: Original Equipment for SN 0300138358 to SN 0300147071 is 1600274. Use p/n 1001118419 as Service Replacement.)**	F
1	7019141	1	Mechanical Assembly (Includes Base, Handle Stem and Items 18, 1A, 1B & 1C)	
1A	7019197	1	Handle Cap and Rod	
1B	7003928	1	Spring	
1C	7022808	1	Cap, Lift	
2	7019142	2	Plate	
3	7019111	4	Bearing, Gear	
4	7019143	2	Screw	
5	7019144	2	Spacer	
6	7019145	4	E-Clip	
7	7019174	2	Spacer, Cam	
8	7003977	2	Gear, Drive	
9	7019147	4	Shaft	
10	7019195	2	Potentiometer Assembly	
10	7003974	1	Potentiometer	
11	7019142	2	Plate	
12	7003992	2	Washer	
13	7003993	2	Nut	
14	7003976	2	Gear, Slave	
15	7019149	2	Setscrew	
16	7003952	4	Screw	
17	7019150	1	Gate	
18	7022813	1	Boot (was p/n 7003955)	
19	7022813	1	Plate, Plastic (was p/n 7003954)	
20	7003956	1	O-Ring	
21	7003953	4	Washer	
22	7019137	4	Screw	
23	7019170	1	Center, Detent	
24	4460265	1	Plug, Male - 9 Position	
24	4460226	8	Socket, Female	
	1001118419	Ref	**Controller Assembly (Service Replacement) (Original Equipment) (SN 0300147071 to Present, SN 0300138358 through 0300147071)**	B
101	70002730	1	Gasket	
102	7003928	1	Spring	
103	7022808	1	Cap, Lift	
104	70002731	1	Boot	
105	70002732	4	Screw	
106	7022815	1	Bezel	
107	70002733	1	Adapter	
108	70002734	4	Screw	
109	70002735	1	Can, Enclosure	
110	70002906	1	Cap	
111	1001118419	1	Mechanical Assembly (Note: Not available for purchase)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
112	4460265	1	Plug, Male - 9 Position	
112	4460226	8	Socket, Female	

FIGURE 4-6. CONTROLLER ASSEMBLY (SWING AND LIFT) (SN 0300194240 to Present)

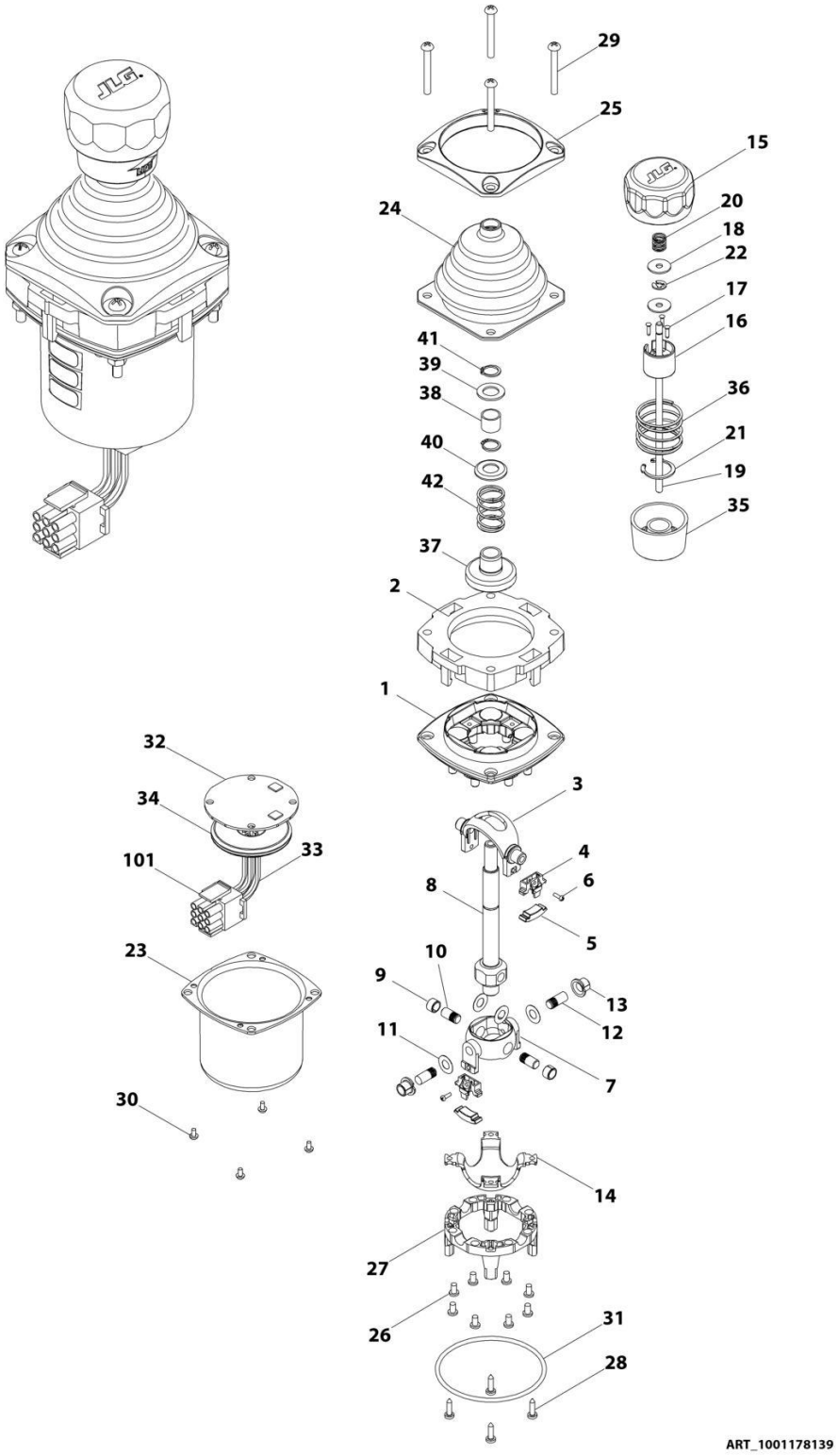


FIGURE 4-6. CONTROLLER ASSEMBLY (SWING AND LIFT) (SN 0300194240 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178139	Ref	CONTROLLER ASSEMBLY **(SN 0300194240 to Present)**	A
1	See Note	1	Main Cast Body (Note: Not Available - Purchase Complete Assembly)	
2	70004752	1	Adapter	
3	See Note	1	Pivot Arm, Plastic (Note: Not Available - Purchase Complete Assembly)	
4	See Note	2	Holder, Magnet (Note: Not Available - Purchase Complete Assembly)	
5	See Note	2	Arc, Magnet (Note: Not Available - Purchase Complete Assembly)	
6	See Note	2	Screw (Note: Not Available for Purchase)	
7	See Note	1	Pivot Arm, Cast (Note: Not Available - Purchase Complete Assembly)	
8	See Note	1	Shaft, Main (Note: Not Available - Purchase Complete Assembly)	
9	See Note	2	Bearing (Note: Not Available - Purchase Complete Assembly)	
10	See Note	2	Pin (Note: Not Available - Purchase Complete Assembly)	
11	See Note	4	Shim (Note: Not Available - Purchase Complete Assembly)	
12	See Note	2	Pin (Note: Not Available - Purchase Complete Assembly)	
13	See Note	2	Bearing (Note: Not Available - Purchase Complete Assembly)	
14	See Note	1	Dome, Centering (Note: Not Available - Purchase Complete Assembly)	
15	70004753	1	Cap	
16	70004754	1	Insert, Cap	
17	70004755	3	Pin	
18	70004756	2	Washer	
19	70004757	1	Pin, Centering	
20	70004758	1	Spring	
21	70004759	1	Ring, Retaining	
22	70004760	1	E-Ring	
23	70004761	1	Can, Enclosure	
24	70004762	1	Boot	
25	70004763	1	Bezel	
26	See Note	8	Screw (Note: Not Available for Purchase)	
27	See Note	1	Base Mounting (Note: Not Available - Purchase Complete Assembly)	
28	See Note	4	Screw (Note: Not Available for Purchase)	
29	70004764	4	Screw	
30	70004765	4	Screw	
31	70004766	1	O-Ring	
32	See Note	1	Plate (Note: Not Available - Purchase Complete Assembly)	
33	See Note	1	Harness (Note: Not Available - Purchase Complete Assembly)	
34	70004767	1	Gromment, Rubber	
35	70004768	1	Housing	
36	70004769	1	Spring	
37	70004770	1	Stopper	
38	70004771	1	Spacer	
39	70004772	1	Washer	
40	70004773	1	Disc	
41	70004774	2	Ring, Retaining	
42	70004775	1	Spring	
101	4460265	1	Connector - 9 Position	
101	4460226	6	Socket, Female	

SECTION 5 - CYLINDER

SECTION 5 - CYLINDER

FIGURE 5-1. LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY

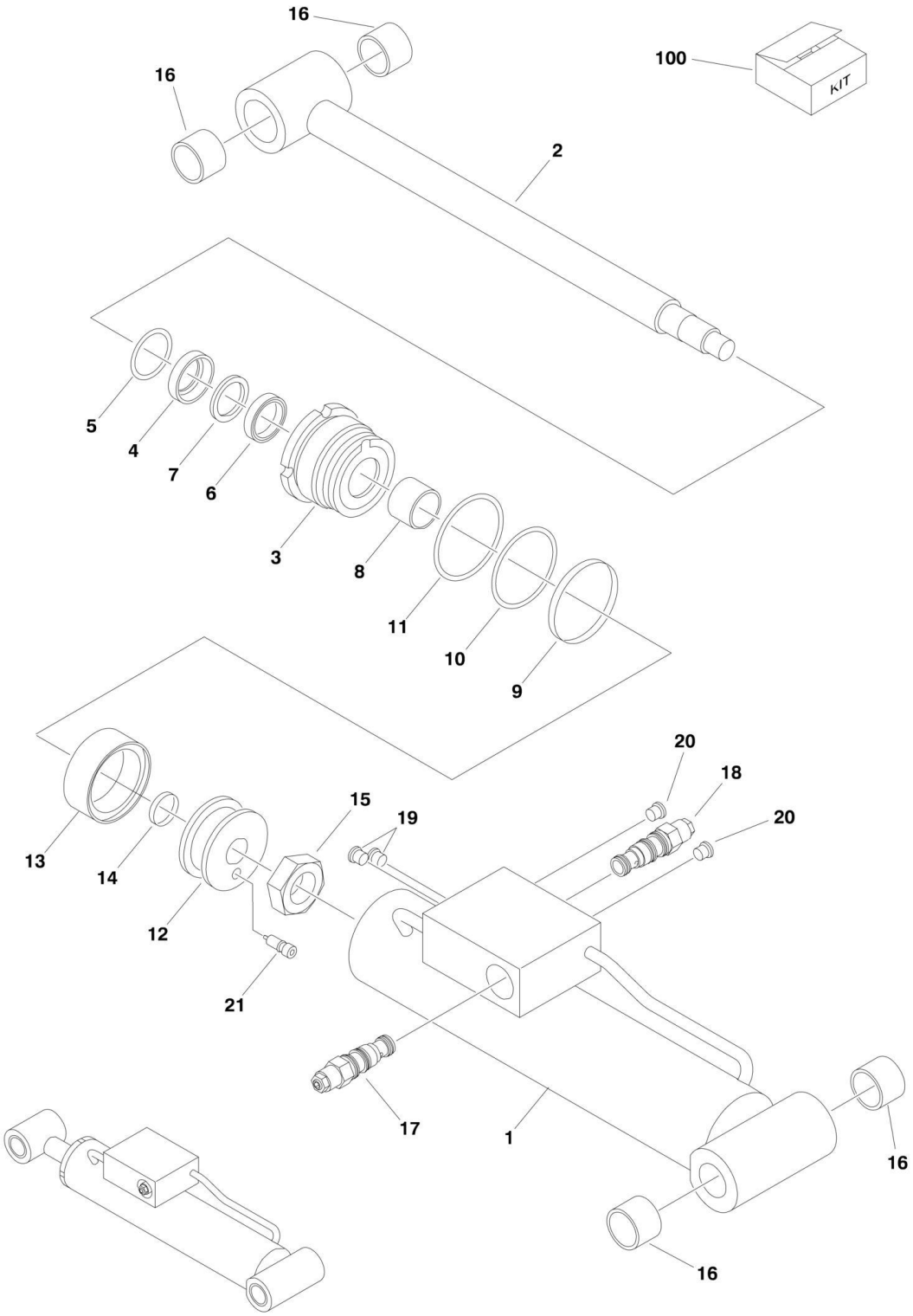


FIGURE 5-1. LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105153	Ref	**LEVEL (PLATFORM LEVEL) CYLINDER ASSEMBLY**	E
1	70002361	1	Barrel Weldment	
2	70002360	1	Rod Weldment	
3	70002359	1	Head	
4	70002350	1	Wiper	
5	70002366	1	Ring, Retaining	
6	70002350	1	Seal, Rod	
7	70002350	1	Ring, Back-up	
8	70002352	1	Ring, Wear	
9	70002350	1	O-Ring	
10	70002350	1	Ring, Back-up	
11	70002350	1	O-Ring	
12	70002358	1	Piston	
13	70002350	1	Seal, Piston	
14	70002350	1	O-Ring	
15	70002335	1	Nut	
15	0100071	AR	Compound, Locking	
16	70002333	4	Bearing	
17	70002413	1	Cartridge, Valve (Counterbalance)	
17	2900770	1	Seal Kit - 70002413 Valve (1 Per Assembly)	
18	70002388	1	Cartridge, Valve (Counterbalance)	
18	2900770	1	Seal Kit - 70002388 Valve (1 Per Assembly)	
19	See Note	2	Plug, O-Ring(Note: Not available for purchase)	
21	70002357	1	Valve, Phase	
100	70002350	1	Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14)	

FIGURE 5-2. LIFT (JIB) CYLINDER ASSEMBLY

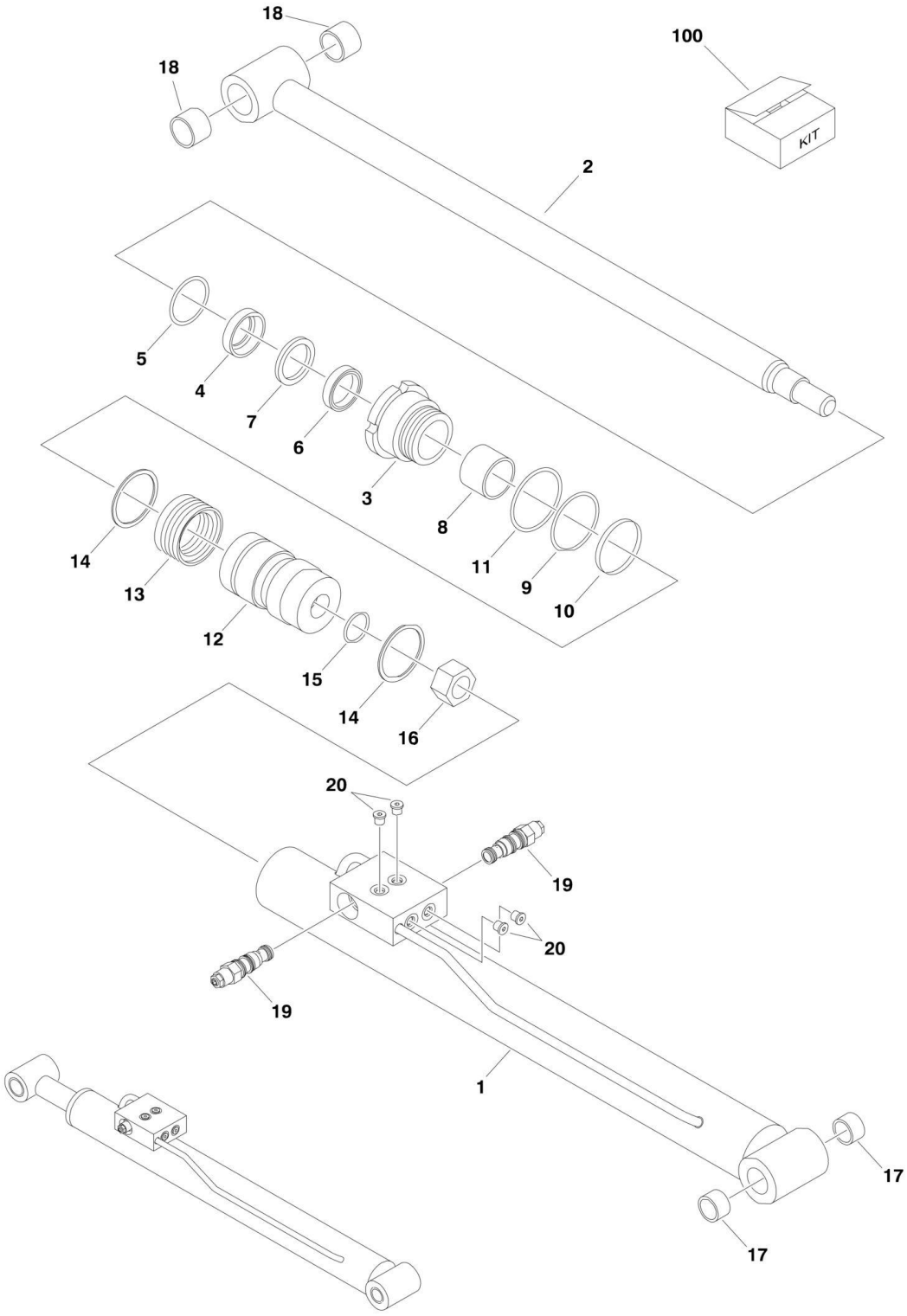


FIGURE 5-2. LIFT (JIB) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108429	Ref	**LIFT (JIB) CYLINDER ASSEMBLY**	C
1	70002376	1	Barrel Weldment	
2	70002375	1	Rod Weldment	
3	70002374	1	Head	
4	70002370	1	Wiper	
5	70002373	1	Ring, Retaining	
6	70002370	1	Seal, Rod	
7	70002370	1	Ring, Back-up	
8	70002372	1	Ring, Wear	
9	70002370	1	O-Ring	
10	70002370	1	Ring, Back-up	
11	70002370	1	O-Ring	
12	70002371	1	Piston	
13	70002370	1	Seal, Piston	
14	70002370	2	Ring, Piston	
15	70002370	1	O-Ring	
16	70002335	1	Nut	
16	0100071	AR	Compound, Locking	
17	70002363	2	Bearing	
18	70002333	2	Bearing	
19	70002389	2	Cartridge, Valve (Counterbalance)	
19	2900770	2	Seal Kit - 70002389 Valve (1 Per Assembly)	
20	See Note	2	Plug, O-Ring(Note: Not available for purchase)	
100	70002370	1	Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 15)	

FIGURE 5-3. LIFT (MAIN BOOM) CYLINDER ASSEMBLY

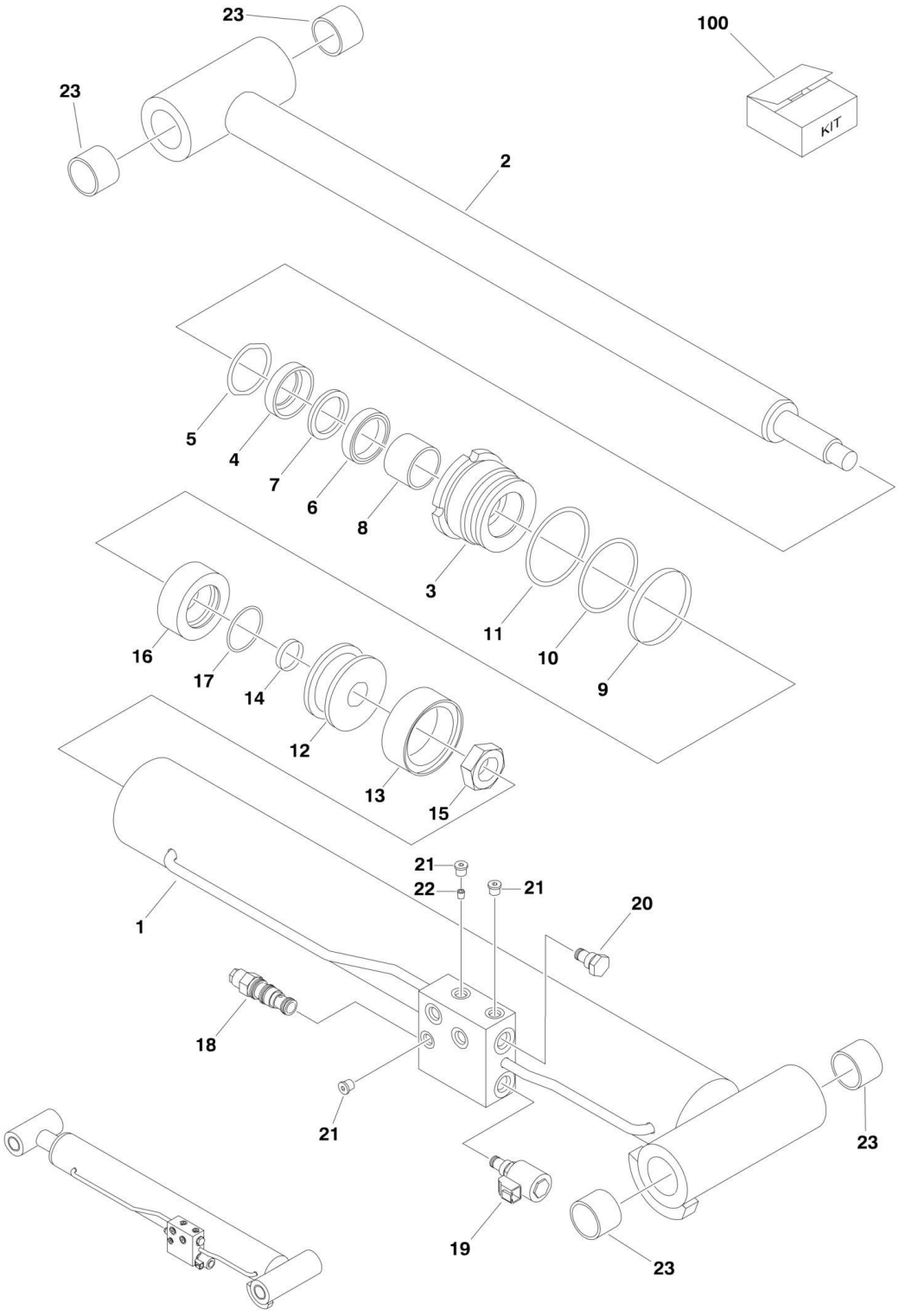


FIGURE 5-3. LIFT (MAIN BOOM) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001106880	Ref	**LIFT (MAIN BOOM) CYLINDER ASSEMBLY**	E
1	70002349	1	Barrel Weldment	
2	70002348	1	Rod Weldment	
3	70002347	1	Head	
4	70002341	1	Wiper	
5	70002412	1	Ring, Retaining	
6	70002341	1	Seal, Rod	
7	70002341	1	Ring, Back-up	
8	70022593	1	Ring, Wear	
9	70002341	1	O-Ring	
10	70002341	1	Ring, Back-up	
11	70002341	1	O-Ring	
12	70002346	1	Piston	
13	70002341	1	Seal, Piston	
14	70002341	1	O-Ring	
15	70002345	1	Nut	
15	0100071	AR	Compound, Locking	
16	70002344	1	Spacer	
17	70002341	1	O-Ring	
18	70002387	1	Cartridge, Valve (Counterbalance)	
18	2900770	1	Seal Kit - 70002387 Valve (1 Per Assembly)	
19	7024884	1	Cartridge, Valve (2 Way Poppet)	
19	7012967	1	Seal Kit - 7024884 Valve (1 Per Assembly)	
19	70002386	1	Coil	
20	7012955	1	Cartridge, Valve (Check)	
20	7012967	1	Seal Kit - 7012955 Valve (1 Per Assembly)	
21	See Note	3	Plug, O-Ring(Note: Not available for purchase)	
22	70002343	1	Orifice	
23	70002342	4	Bearing	
100	70002341	1	Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 17)	

FIGURE 5-4. LIFT (TOWER BOOM) CYLINDER ASSEMBLY

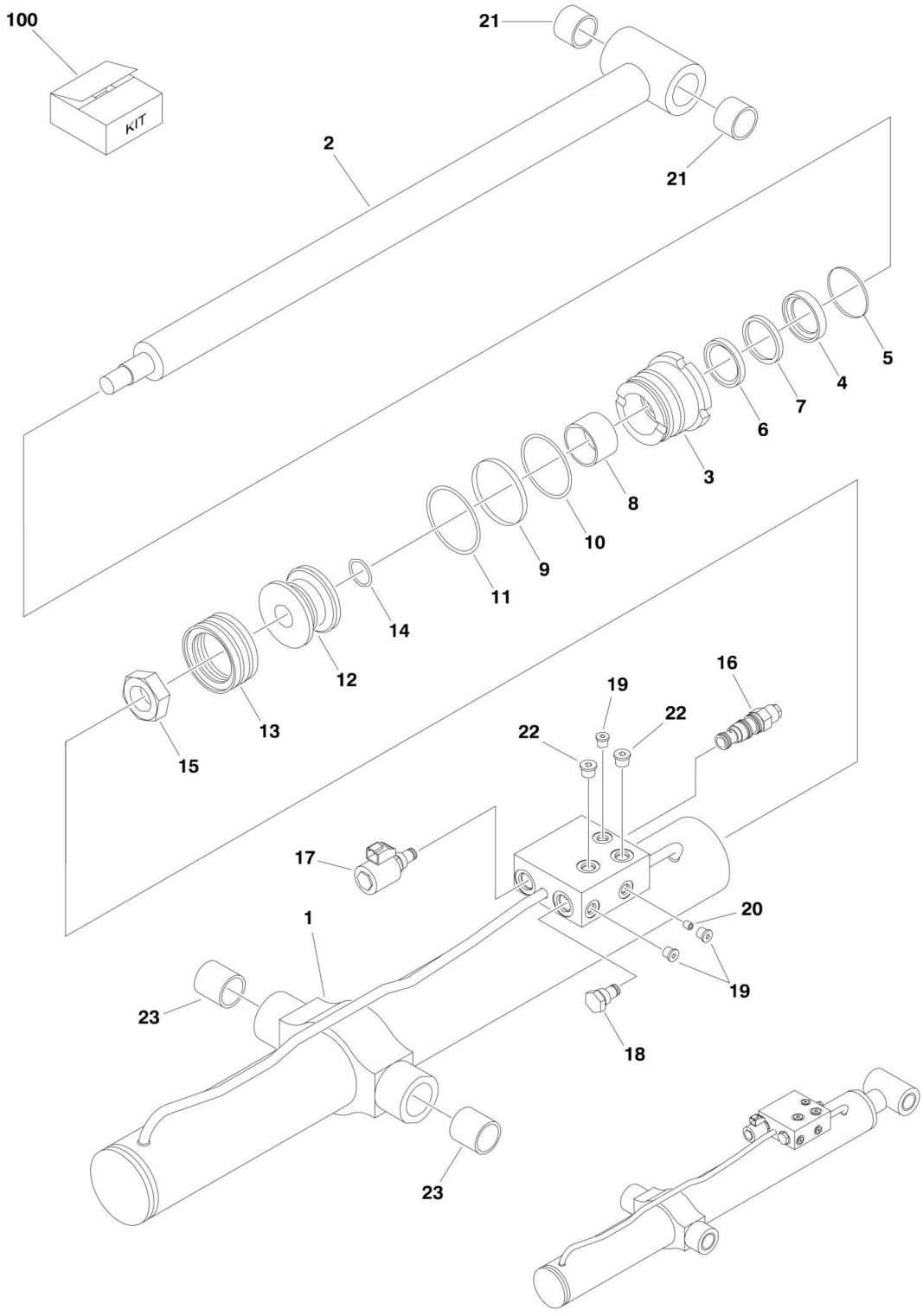


FIGURE 5-4. LIFT (TOWER BOOM) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107886	Ref	**LIFT (TOWER BOOM) CYLINDER ASSEMBLY**	D
1	70002340	1	Barrel Weldment	
2	70002339	1	Rod Weldment	
3	70002338	1	Head	
4	70002332	1	Wiper	
5	70002410	1	Ring, Retaining	
6	70002332	1	Seal, Rod	
7	70002332	1	Ring, Back-up	
8	70002337	1	Ring, Wear	
9	70002332	1	O-Ring	
10	70002332	1	Ring, Back-up	
11	70002332	1	O-Ring	
12	70002336	1	Piston	
13	70002332	1	Seal, Piston	
14	70002332	1	O-Ring	
15	70002335	1	Nut	
15	0100071	AR	Compound, Locking	
16	70002387	1	Cartridge, Valve (Counterbalance)	
16	2900770	1	Seal Kit - 70002387 Valve (1 Per Assembly)	
17	7024884	1	Cartridge, Valve (2 Way Poppet)	
17	7012967	1	Seal Kit - 7024884 Valve (1 Per Assembly)	
17	70002386	1	COIL	
18	7012955	1	Cartridge, Valve (Check)	
18	7012967	1	Seal Kit - 7012955 Valve (1 Per Assembly)	
19	See Note	3	Plug, O-Ring(Note: Not available for purchase)	
20	70002334	1	Orifice	
21	70002333	2	Bearing	
23	70002409	2	Bearing	
100	70002332	1	Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14)	

FIGURE 5-5. MASTER CYLINDER ASSEMBLY

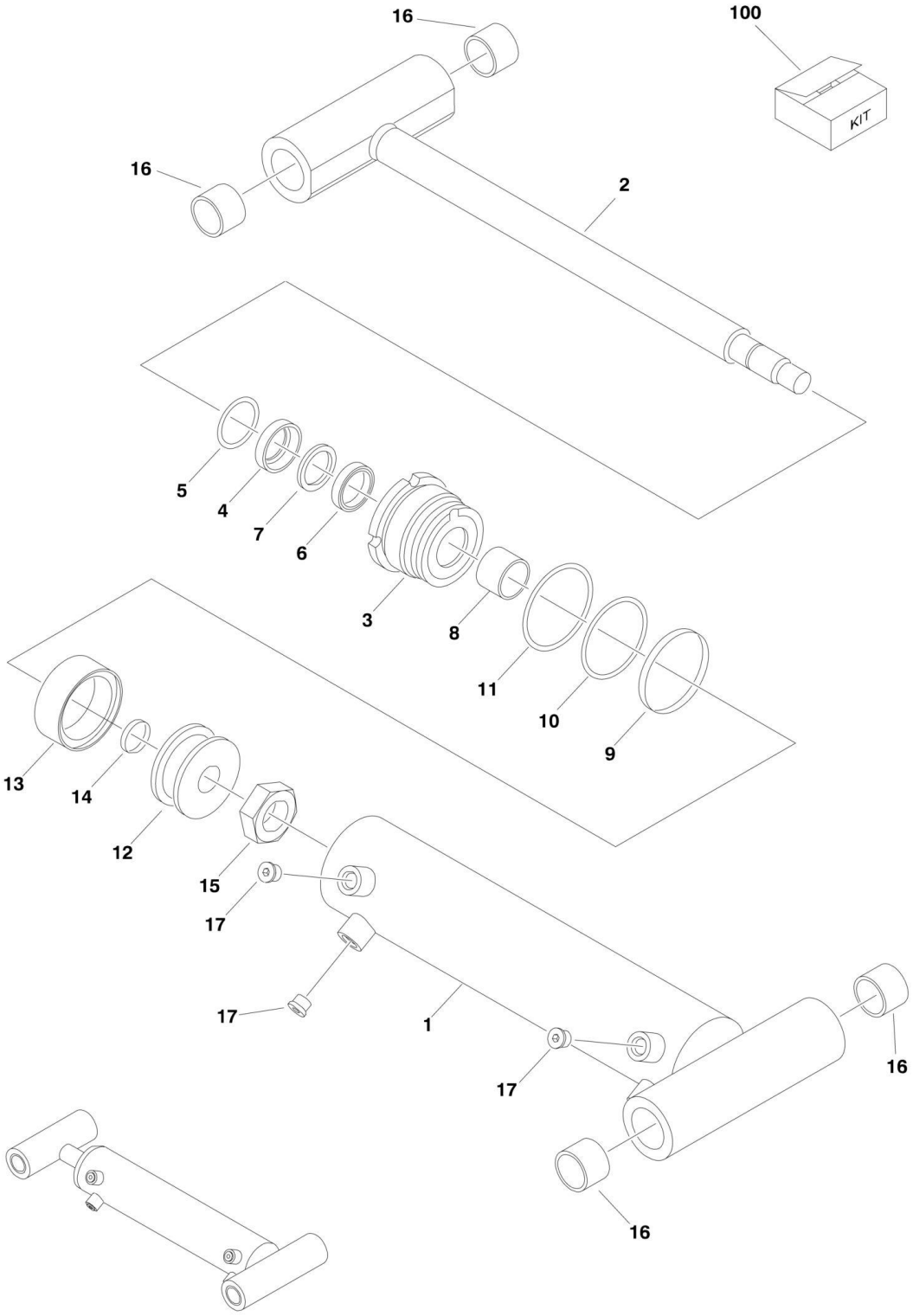


FIGURE 5-5. MASTER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105989	Ref	**MASTER CYLINDER ASSEMBLY**	C
1	70002355	1	Barrel Weldment	
2	70002354	1	Rod Weldment	
3	70002359	1	Head	
4	70002350	1	Wiper	
5	70002366	1	Ring, Retaining	
6	70002350	1	Seal, Rod	
7	70002350	1	Ring, Back-up	
8	70002352	1	Ring, Wear	
9	70002350	1	O-Ring	
10	70002350	1	Ring, Back-up	
11	70002350	1	O-Ring	
12	70002381	1	Piston	
13	70002350	1	Seal, Piston	
14	70002350	1	O-Ring	
15	70002335	1	Nut	
15	0100071	AR	Compound, Locking	
16	70002333	4	Bearing	
100	70002350	1	Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14)	

FIGURE 5-6. STEER CYLINDER ASSEMBLY

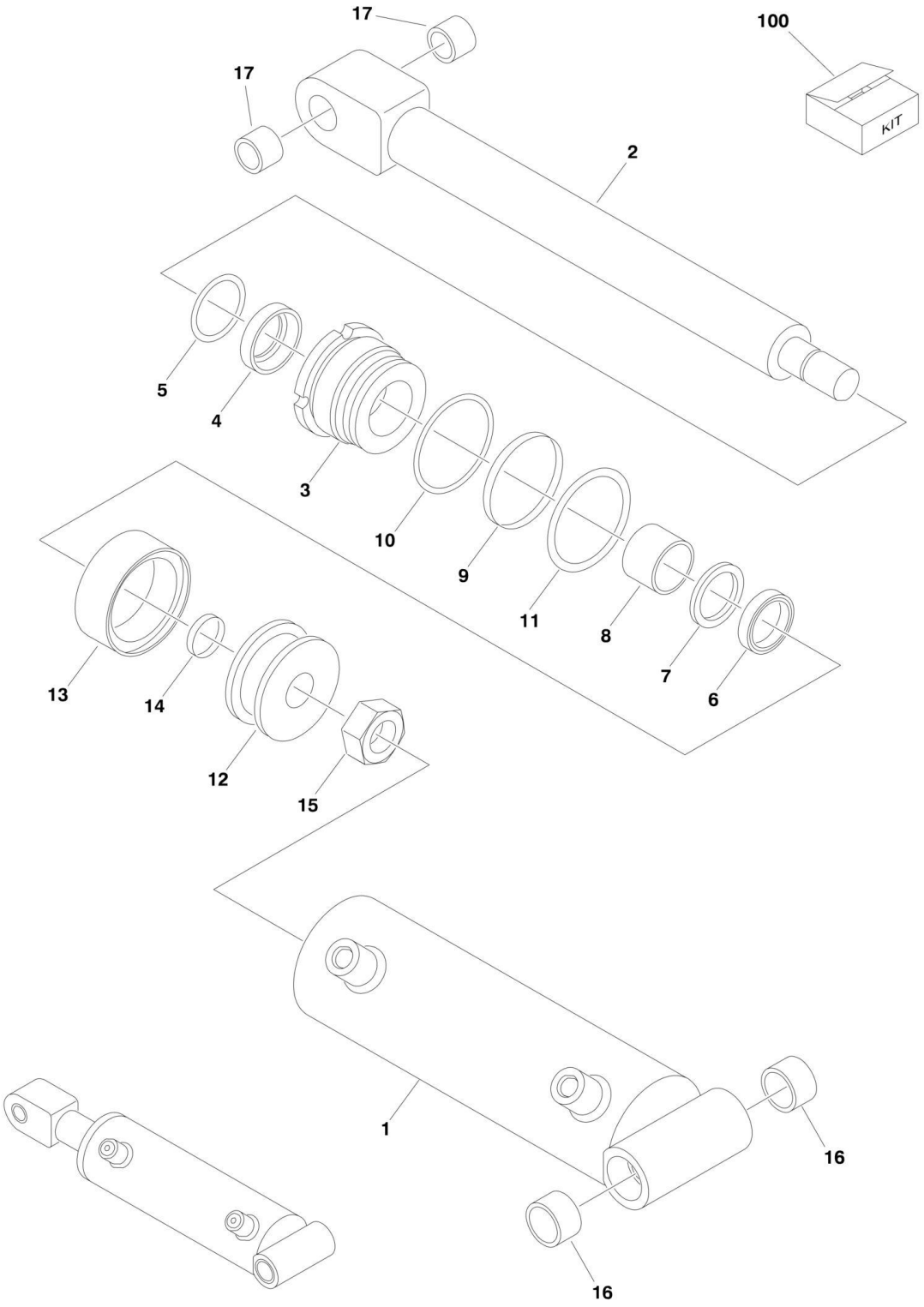


FIGURE 5-6. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108310	Ref	**STEER CYLINDER ASSEMBLY**	C
1	70002384	1	Barrel Weldment	
2	70002383	1	Rod Weldment	
3	70002382	1	Head	
4	70002379	1	Wiper	
5	70002373	1	Ring, Retaining	
6	70002379	1	Seal, Rod	
7	70002379	1	Ring, Back-up	
8	70022586	1	Ring, Wear	
9	70002379	1	O-Ring	
10	70002379	1	Ring, Back-up	
11	70002379	1	O-Ring	
12	70002381	1	Piston	
13	70002379	1	Seal, Piston	
14	70002379	1	O-Ring	
15	70002335	1	Nut	
15	0100071	AR	Compound, Locking	
16	70002363	2	Bearing	
17	70002380	2	Bearing	
100	70002379	1	Seal Kit (Includes Items 4, 6, 7, 9, 10, 11, 13 & 14)	

FIGURE 5-7. TELESCOPE CYLINDER ASSEMBLY

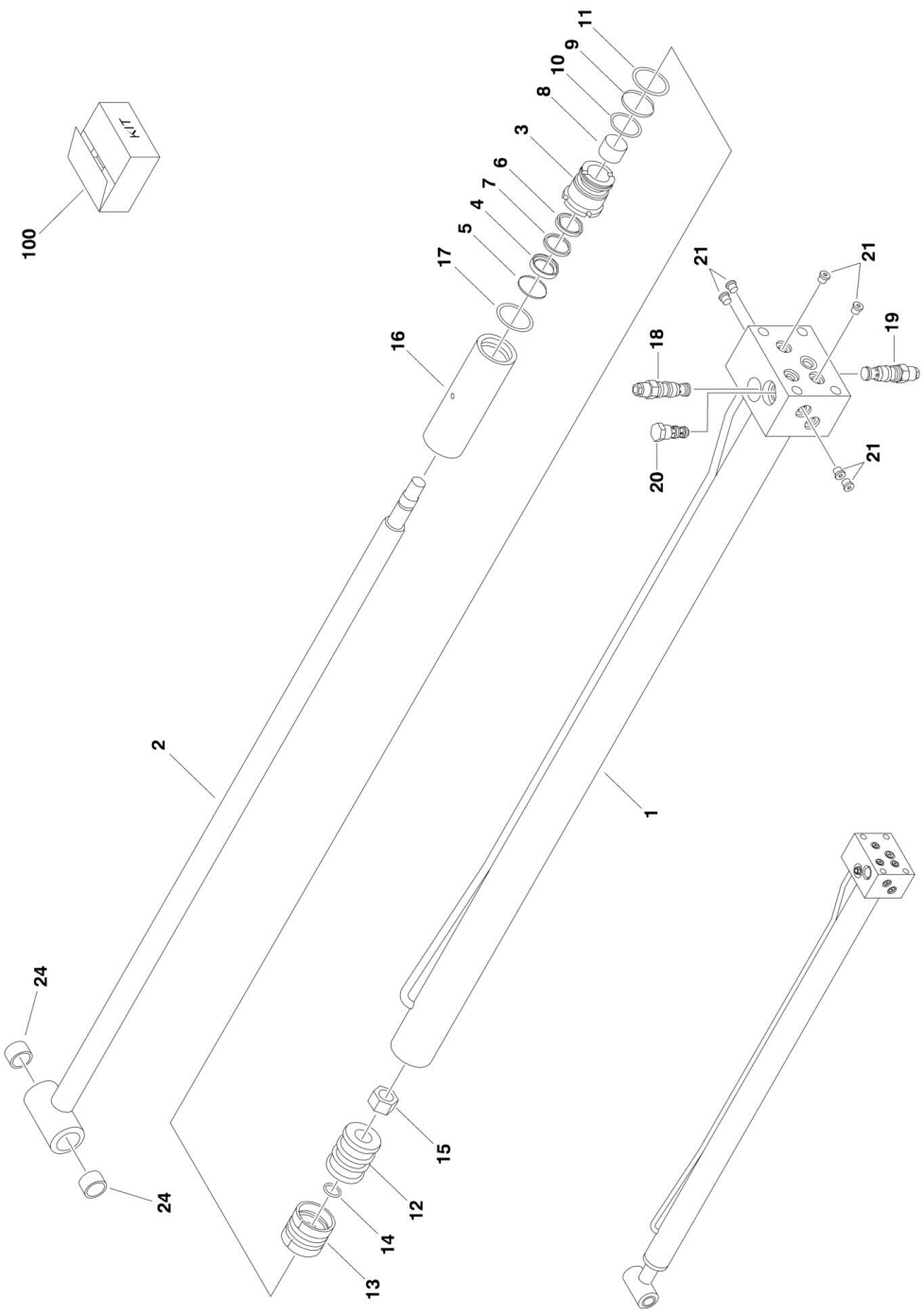


FIGURE 5-7. TELESCOPE CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**TELESCOPE CYLINDER ASSEMBLY**	
	1001106878	Ref	**Telescope Cylinder Assembly (Use p/n 1001120974) E300AJ (SN 0300138358 through 0300157823)**	C-C
	1001120974	Ref	**Telescope Cylinder Assembly E300AJ (SN 0300157824 to Present)**	C
	1001106879	Ref	**Telescope Cylinder Assembly E300AJP**	D
1		Ref	Barrel Weldment Options:	
1	70002369	1	Barrel Weldment 1001106878 & 1001106879 Cylinders	
1	70003114	1	Barrel Weldment 1001120974 Cylinders	
2		Ref	Rod Weldment Options:	
2	70002368	1	Rod Weldment 1001106878 & 1001106879 Cylinders	
2	70003115	1	Rod Weldment 1001120974 Cylinders	
3		Ref	Head Options:	
3	70002367	1	Head 1001106878 & 1001106879 Cylinders	
3	70003116	1	Head 1001120974 Cylinders	
4	See Note	1	Wiper (Note: Use Item 100)	
5	70002366	1	Ring, Retaining	
6	See Note	1	Seal, Rod (Note: Use Item 100)	
7	See Note	1	Ring, Back-up (Note: Use Item 100)	
8	70002352	1	Ring, Wear	
9	See Note	1	O-Ring (Note: Use Item 100)	
10	See Note	1	Ring, Back-up (Note: Use Item 100)	
11	See Note	1	O-Ring (Note: Use Item 100)	
12		Ref	Piston Options:	
12	70002365	1	Piston 1001106878 & 1001106879 Cylinders	
12	70003117	1	Piston 1001120974 Cylinders	
13	See Note	1	Seal, Piston (Note: Use Item 100)	
14	See Note	1	O-Ring (Note: Use Item 100)	
15	70002335	1	Nut	
15	0100071	AR	Compound, Locking	
16		Ref	Spacer Options:	
16	70002364	1	Spacer E300AJ	
16	70002385	1	Spacer E300AJP	
17	See Note	1	O-Ring (Note: Use Item 100)	
18	4640771	1	Cartridge, Valve (Counterbalance)	
18	2900770	1	Seal Kit - 4640771 Valve (1 Per Assembly)	
19	70002389	1	Cartridge, Valve (Counterbalance)	
19	2900770	1	Seal Kit - 70002389 Valve (1 Per Assembly)	
20	10837580	1	Cartridge, Valve (Load Shuttle) (was p/n 7010542)	
20	7010543	1	Seal Kit - 10837580 & 7010542 Valves (1 Per Assembly)	
21	70023370	6	Plug, O-Ring	
24		Ref	BEARING	
24	70002363	2	Bearing 1001106878 & 1001106879 Cylinders	
24	70003118	2	Bearing 1001120974 Cylinders	
100		Ref	Seal Kit Options (Includes Items 4, 6, 7, 9, 10, 11, 13, 14 & 17):	
100	70002362	1	Seal Kit 1001106878 & 1001106879 Cylinders	
100	70003119	1	Seal Kit 1001120974 Cylinders	

SECTION 6 - HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM - E300AJ

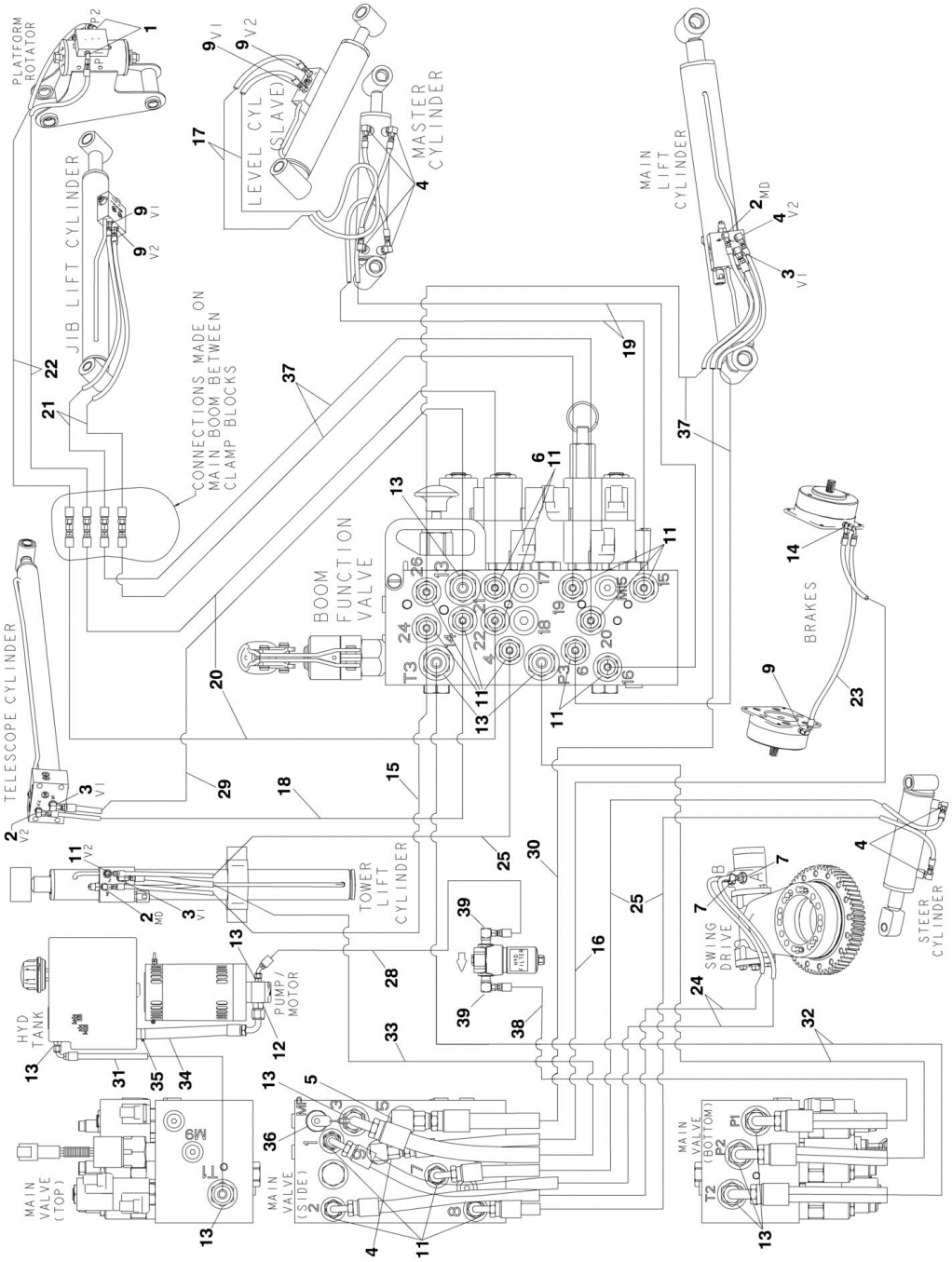


FIGURE 6-1. HYDRAULIC DIAGRAM - E300AJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109711	Ref	**HYDRAULIC DIAGRAM - E300AJ**	J
1	2220502	2	Fitting, 45 Elbow	
2	2220466	3	Fitting, 90 Elbow	
3	2220473	3	Fitting, 45 Elbow	
4	2220472	8	Fitting, 45 Elbow	
5	2220628	1	Fitting, 45 Elbow	
6	2220909	2	Fitting, Orifice .015	
7	2221033	2	Fitting, Straight	
9	2220415	5	Fitting, Straight	
11	2220582	16	Fitting, Straight	
12		Ref	Fitting, Straight Options:	
12	2220593	1	Fitting, Straight **(SN 0300138358 through 0300177036)**	
12	2220408	1	Fitting, Straight **(SN 0300177037 to Present)**	
13	2220372	10	Fitting, Straight	
14	2221034	1	Fitting, Tee	
15	2754055	1	Hose	
16	2755023	1	Hose	
17	1001109688	2	Hose	
18	2753364	1	Hose	
19	2753276	2	Hose	
20	2753279	2	Hose	
21	1001112946	2	Hose	
22	1001109686	2	Hose	
23	1001110728	1	Hose	
24	1001109687	2	Hose	
25	2752999	3	Hose	
28		Ref	Hose Options:	
28	1001109689	1	Hose **(SN 0300138358 through 0300179560)**	
28	2752613	1	Hose **(SN 0300179561 to Present)**	
29	2753137	1	Hose	
30	2753136	1	Hose	
31	1001109690	1	Hose	
32	2753812	2	Hose	
33	1001112947	1	Hose	
34		Ref	Hose Options:	
34	1001109691	1	Hose **(SN 0300138358 through 0300177036)**	
34	1001160232	1	Hose **(SN 0300177037 to Present)**	
35	1320030	1	Clamp	
36	2221086	1	Fitting, Test Port	
37	1001112948	4	Hose	
38	2752473	1	Hose **(SN 0300179561 to Present)**	
39	2221048	2	Fitting, Elbow **(SN 0300179561 to Present)**	

FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - E300AJP

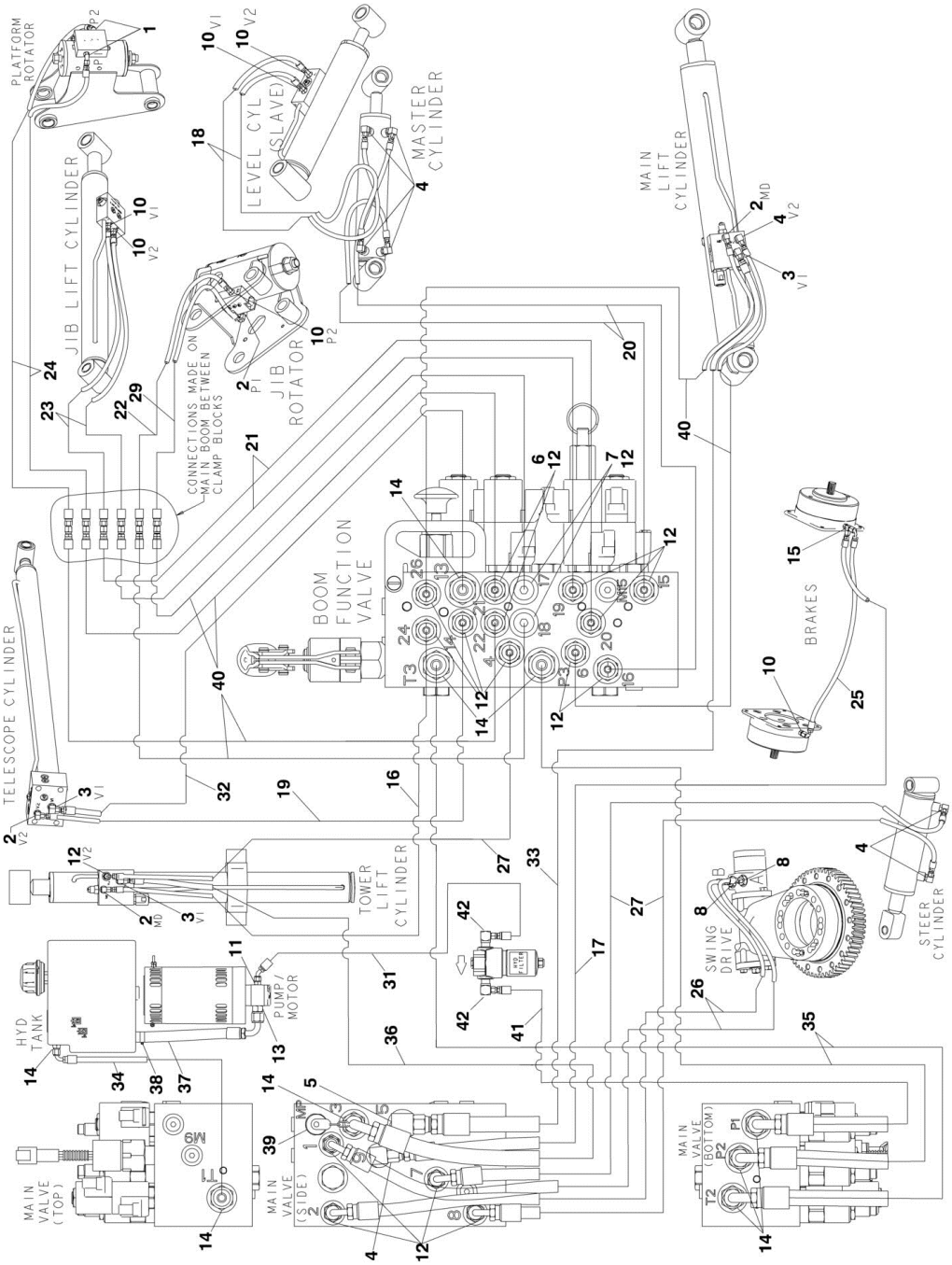


FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - E300AJP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109710	Ref	**HYDRAULIC DIAGRAM - E300AJP**	J
1	2220502	2	Fitting, 45 Elbow	
2	2220466	4	Fitting, 90 Elbow	
3	2220473	3	Fitting, 45 Elbow	
4	2220472	8	Fitting, 45 Elbow	
5	2220628	1	Fitting, 45 Elbow	
6	2220909	2	Fitting, Orifice .015	
7	2221039	2	Fitting, Orifice .022	
8	2221033	2	Fitting, Straight	
10	2220415	6	Fitting, Straight	
12	2220582	18	Fitting, Straight	
13		Ref	Fitting, Straight Options:	
13	2220593	1	Fitting, Straight **(SN 0300138358 through 0300177036)**	
13	2220408	1	Fitting, Straight **(SN 0300177037 to Present)**	
14	2220372	10	Fitting, Straight	
15	2221034	1	Fitting, Tee	
16	2754055	1	Hose	
17	2755023	1	Hose	
18	1001109688	2	Hose	
19	2753364	1	Hose	
20	2753276	2	Hose	
21	2753279	2	Hose	
22	1001109683	1	Hose	
23	1001112946	2	Hose	
24	1001109686	2	Hose	
25	1001110728	1	Hose	
26	1001109687	2	Hose	
27	2752999	3	Hose	
29	1001109682	1	Hose	
31		Ref	Hose Options:	
31	1001109689	1	Hose **(SN 0300138358 through 0300179560)**	
31	2752613	1	Hose **(SN 0300179561 to Present)**	
32	2753137	1	Hose	
33	2753136	1	Hose	
34	1001109690	1	Hose	
35	2753812	2	Hose	
36	1001112947	1	Hose	
37		Ref	Hose Options:	
37	1001109691	1	Hose **(SN 0300138358 through 0300177036)**	
37	1001160232	1	Hose **(SN 0300177037 to Present)**	
38	1320030	1	Clamp	
39	2221086	1	Fitting, Test Port	
40	1001112948	4	Hose	
41	2752473	1	Hose **(SN 0300179561 to Present)**	
42	2221048	2	Fitting, Elbow **(SN 0300179561 to Present)**	

FIGURE 6-3. HYDRAULIC DIAGRAM LIST

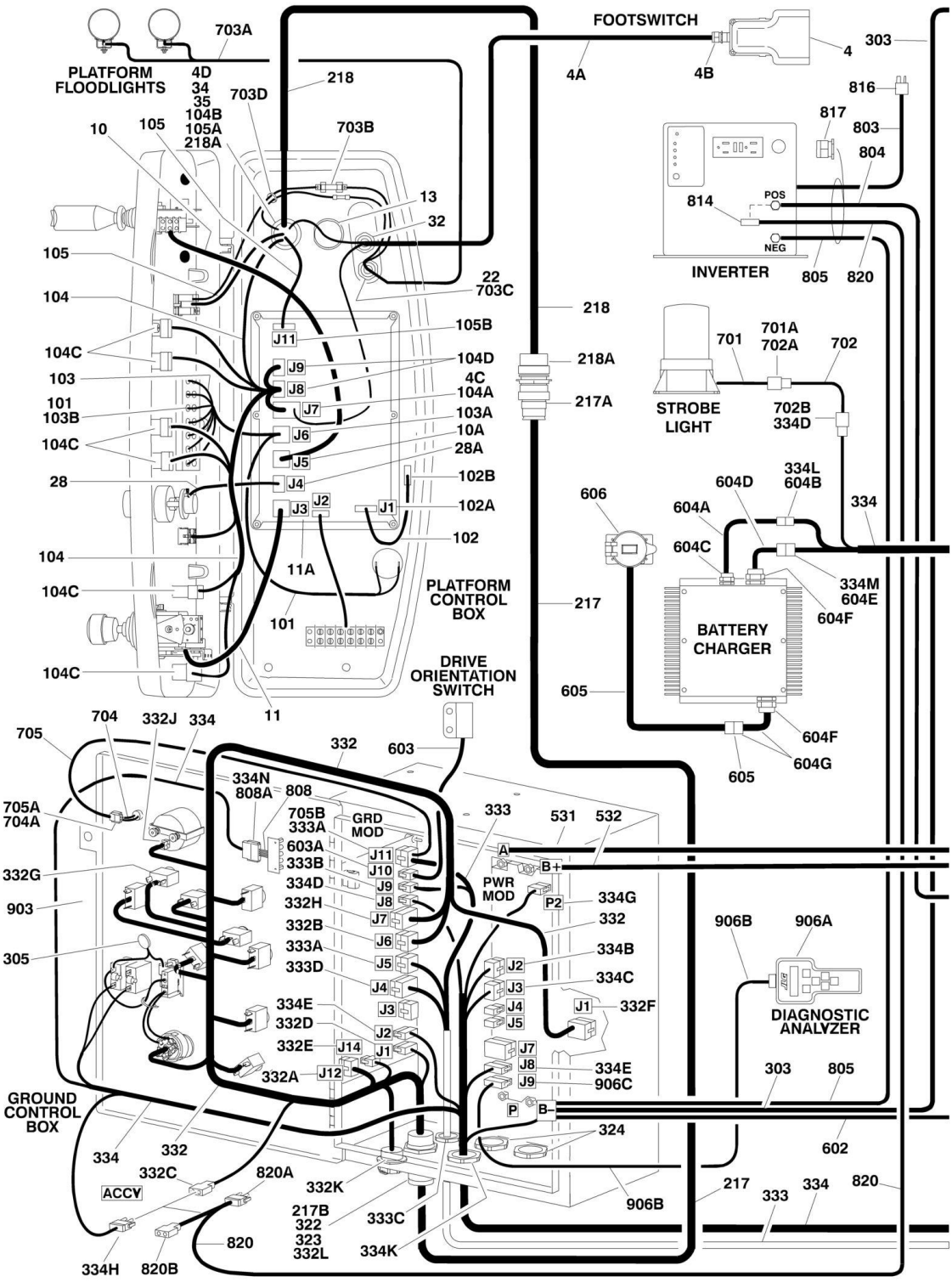
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Note: Diagrams not shown are available from JLG Service/Parts Departments.**	Ref
		Ref	**Hydraulic Diagrams:**	
	1001109711	Ref	**Hydraulic E300AJ**	
	1001109710	Ref	**Hydraulic E300AJP**	
	1001112910	Ref	**Standard Hydraulic Schematic**	

SECTION 7 - ELECTRICAL

FIGURE 7-1. ELECTRICAL DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Note: Diagrams not shown are available from the JLG Service Department.**	
	4933100	Ref	**DRIVE ELECTRICAL DIAGRAM**	
	1001109357	Ref	**GROUND CONTROL BOX ELECTRICAL DIAGRAM**	
	1001109859	Ref	**PLATFORM CONSOLE ELECTRICAL DIAGRAM**	
	1001108541	Ref	**STANDARD ELECTRICAL SCHEMATIC**	
	1001109358	Ref	**VALVE ELECTRICAL DIAGRAM**	

FIGURE 7-2. HARNESS COMPONENTS INSTALLATION



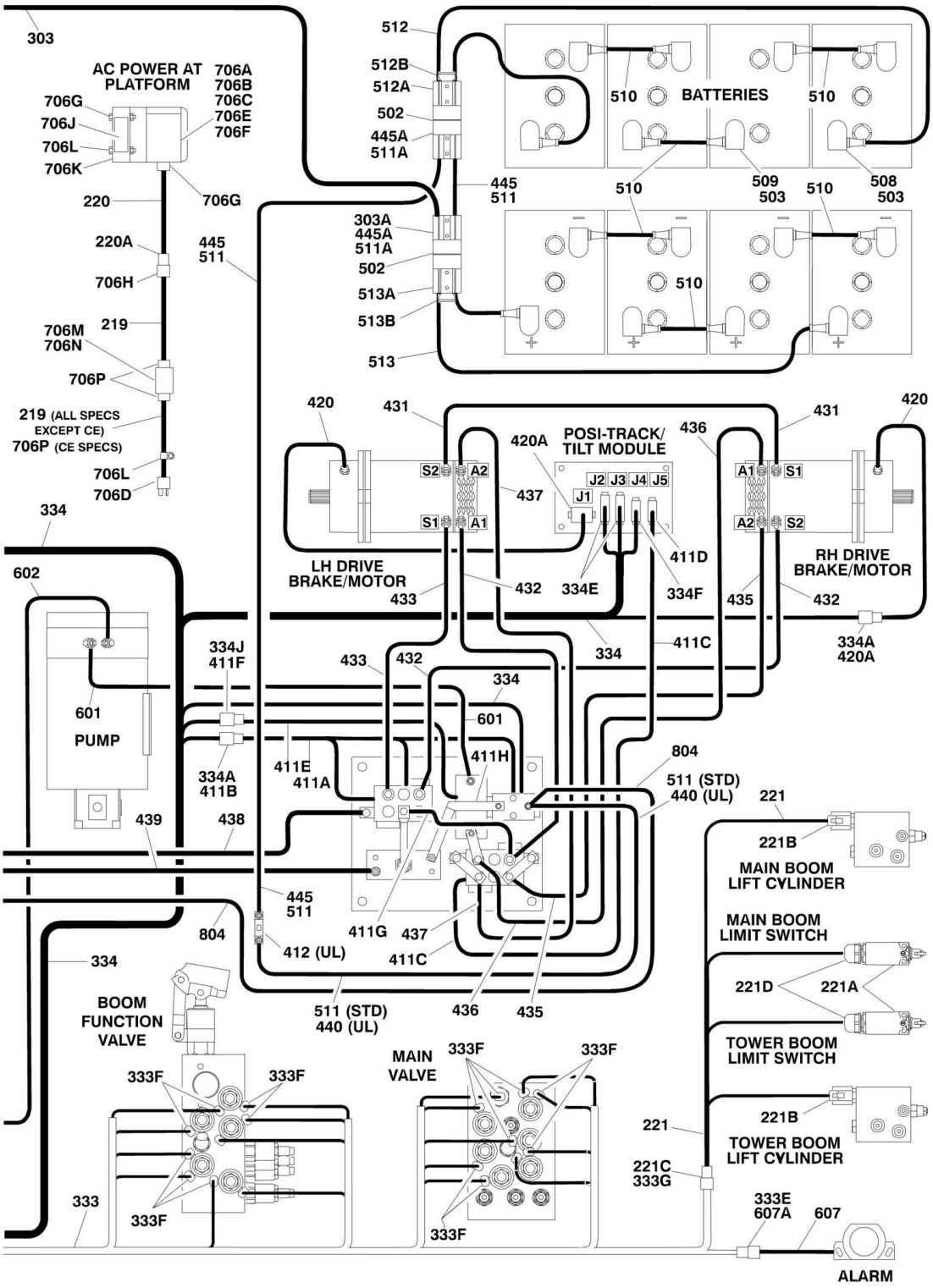

303
AC POWER AT PLATFORM
706A
706B
706C
706E
706F
706G
706J
706L
706K
706G
220
220A
706H
706M
706N
219
706P
219 (ALL SPECS EXCEPT CE)
706P (CE SPECS)
706L
706D
445
511
512
512B
512A
502
445A
511A
445
511
303A
445A
511A
502
513A
513B
513
BATTERIES
510
509
503
508
503
420
431
420A
POSI-TRACK/ TILT MODULE
J1
J2
J3
J4
J5
S2
A2
S1
A1
437
436
LH DRIVE BRAKE/MOTOR
RH DRIVE BRAKE/MOTOR
411D
334E
334F
433
432
435
334
411C
334A
420A
334
602
601
PUMP
334J
411F
334A
411B
411E
411A
411H
804
511 (STD)
440 (UL)
439
438
445
511
804
412 (UL)
411G
437
411C
334
511 (STD)
440 (UL)
436
435
221
221B
MAIN BOOM LIFT CYLINDER
MAIN BOOM LIMIT SWITCH
221D
221A
TOWER BOOM LIMIT SWITCH
221B
TOWER BOOM LIFT CYLINDER
221C
333G
333E
607A
607
ALARM
BOOM FUNCTION VALVE
333F
MAIN VALVE
333
333F

FIGURE 7-2. HARNESS COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**PLATFORM CONSOLE BOX COMPONENTS**	
	1001109857	Ref	**Platform Console Box Components (AJ) (Prior to SN 0300169754)**	D
	1001146101	Ref	Platform Console Box Components (AJ) **(SN 0300169754 through 0300194240)**	B
	1001175613	Ref	Platform Console Box Components (AJ) **(SN 0300194240 to Present)**	B
	1001109858	Ref	Platform Console Box Components (AJP) **(Prior to SN 0300169754)**	D
	1001146102	Ref	Platform Console Box Components (AJP) **(SN 0300169754 through 0300194240)**	B
	1001175614	Ref	Platform Console Box Components (AJP) **(SN 0300194240 to Present)**	B
4		Ref	Footswitch Components	
4	4460042	3	Terminal, Ring	
4A	1060330	AR	Cable 16/3	
4B	4460071	1	Connector, Strain Relief	
4C	4460226	1	Socket, Female	
4D	4460464	1	Pin, Male	
10	7019191	1	Electrical Assembly - Drive/Steer (Includes Potentiometer)	
10A	4460265	1	Connector, Male - 9 Position	
10A	4460226	7	Socket, Female	
11	7019195	1	Electrical Assembly - Lift/Swing (Includes Potentiometer)	
11A	4460265	1	Connector, Male - 9 Position	
11A	4460226	8	Socket, Female	
13	1001110435	1	Plug	
22	3520030	1	Plug	
28	See Note	1	Harness, Flow Control (Note: Not Available - Purchase Complete Controller)	
28A	4460225	1	Plug, Male - 6 Position	
28A	4460226	4	Socket, Female	
32	4460428	1	Connector, Strain Relief	
34	4460496	1	Lockwasher, Terminal	
35	4460497	1	Nut, Terminal	
	1001109859	Ref	**PLATFORM CONSOLE ELECTRICAL DIAGRAM**	A
101	2920129	7	Bulb, Light	
102	4922160	1	Harness, Analyzer	3-C
102A	4460321	1	Connector, Male - 4 Position	
102A	4460226	4	Socket, Female	
102B	4460761	1	Connector, Female - 4 Position	
102B	4460227	4	Pin, Male	
103	1001109860	1	Harness, Indicator Lamp	B
103A	4460265	1	Connector, Male - 9 Position	
103A	4460227	8	Pin, Male	
103B	4120035	5	Base, Light	
103B	4460634	6	Terminal (16 Gauge)	
103B	4460635	4	Terminal (12 Gauge)	
104	1001109861	1	Harness, Switch Function	B
104A	4460434	2	Plug, Male - 15 Position	
104A	4460226	12	Socket, Female	
104B	4460464	2	Pin, Male	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
104C	4460418	6	Connector, Female - 6 Position	
104C	4460419	18	Socket, Female	
104D	4460225	2	Plug, Male - 6 Position	
104D	4460227	8	Pin, Male	
105	1001109862	1	Harness, Console Box	B
105A	4460752	1	Connector - 14 Position	
105A	4460464	7	Pin, Male	
105B	4460321	1	Connector, Male - 4 Position	
105B	4460227	4	Pin, Male	
		Ref	**BOOM CABLES INSTALLATION**	
	1001109562	Ref	**Boom Cables Installation E300AJ**	D
	1001109563	Ref	**Boom Cables Installation E300AJP**	D
217	1001109754	1	Harness Assembly - Tower Boom (Console Function)	C
217A	1001109484	1	Connector - 14 Position	
217A	4460464	12	Pin, Male	
217A	4460466	2	Seal, Plug	
217A	1001101024	1	Boot	
217A	1001101025	1	Grommet	
217B	1001109485	1	Connector - 14 Position	
217B	4460465	12	Socket, Female	
217B	4460466	2	Seal, Plug	
217B	1001101024	1	Boot	
217B	1001101025	1	Grommet	
218	1001109755	1	Harness Assembly - Main Boom (Console Function)	C
218A	1001109485	2	Connector - 14 Position	
218A	4460465	24	Socket, Female	
218A	4460466	4	Seal, Plug	
218A	1001101024	2	Boot	
218A	1001101025	2	Grommet	
219	1001109756	1	Harness Assembly - Tower Boom (AC to Platform)	B
220	1001109757	1	Harness Assembly - Main Boom (AC to Platform)	B
220A	4460709	1	Plug, Male	
221	1001109814	AR	Harness, Limit Switch	B
221A	4360548	2	Switch, Limit	
221B	4460891	2	Plug, Male - 2 Position	
221B	4460465	4	Socket, Female	
221C	4460894	1	Plug, Male - 6 Position	
221C	4460465	6	Socket, Female	
221D	4460968	2	Connector, Strain Relief	
221D	0962449	2	Bushing	
		Ref	**GROUND CONTROL BOX COMPONENTS**	
303	1060757	1	Cable, Negative	
303A	4460025	1	Connector, Anderson	
305		Ref	Tube, Insulated Options:	
305	2820118	3 in/10cm	Tube, Insulated **(SN 0300138358 through 0300168223)**	
305	2820026	3 in/10cm	Tube, Insulated **(SN 0300168224 to Present)**	
305	3990106	1	Limiter, In-Rush	
305	4460185	1	Terminal	
305	4460183	1	Terminal, Fork	
322		Ref	Lockwasher, Terminal Options:	
322	4460496	2	Lockwasher, Terminal **(SN 0300138358 through 0300143540)**	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
322	1001125784	2	Lockwasher, Terminal **(SN 0300143541 to Present)**	
323		Ref	Nut, Terminal Options:	
323	4460497	2	Nut, Terminal **(SN 0300138358 through 0300143540)**	
323	1001125785	2	Nut, Terminal **(SN 0300143541 to Present)**	
324	4460526	2	Connector, Strain Relief	
332	1001109506	1	Harness Assembly - Ground Control Box	D
332A	4460225	1	Plug, Male - 6 Position	
332A	4460226	6	Socket, Female	
332B	4460265	1	Connector, Male - 9 Position	
332B	4460227	AR	Pin, Male	
332C	4460320	1	Plug, Male - 2 Position	
332C	4460227	2	Pin, Male	
332D	4460321	1	Connector, Male - 4 Position	
332D	4460227	4	Pin, Male	
332E	4460326	1	Connector, Male - 3 Position	
332E	4460226	3	Socket, Female	
332F	4460343	1	Connector, Male - 12 Position	
332F	4460226	7	Socket, Female	
332G	4460418	9	Connector, Female - 6 Position	
332G	4460419	27	Socket, Female	
332H	4460434	1	Plug, Male - 15 Position	
332H	4460226	14	Socket, Female	
332J	4460868	1	Plug, Male - 6 Position	
332J	4460877	6	Socket, Female	
332K	1001112612	1	Connector, Diagnostic Female - 9 Position	
332K	1001106736	1	Cap, Dust	
332L	1001109484	1	Connector - 14 Position	
332L	4460464	11	Pin, Male Deutsch 16 Ga	
332L	4460466	3	Plug, Sealing	
333	1001109594	1	Harness Assembly - Valve	C
333A	4460265	2	Connector, Male - 9 Position	
333A	4460226	10	Socket, Female	
333B	4460320	1	Plug, Male - 2 Position	
333B	4460226	2	Socket, Female	
333C	4460426	1	Connector, Strain Relief	
333D	4460434	1	Plug, Male - 15 Position	
333D	4460227	14	Pin, Male	
333E	4460539	1	Plug, Male - 3 Position	
333E	4460465	3	Socket, Female	
333F	4460891	19	Plug, Male - 2 Position	
333F	4460465	38	Socket, Female	
333G	4460899	1	Connector, Female - 6 Position	
333G	4460464	6	Pin, Male	
334	1001109610	1	Harness Assembly - Cable	D
334A	4460224	1	Receptacle, Female - 6 Position	
334A	4460226	6	Socket, Female	
334B	4460225	1	Plug, Male - 6 Position	
334B	4460227	4	Pin, Male	
334C	4460225	1	Plug, Male - 6 Position	
334C	4460226	4	Socket, Female	
334D	4460320	2	Plug, Male - 2 Position	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
334D	4460227	4	Pin, Male	
334E	4460321	4	Plug, Male - 4 Position	
334E	4460227	12	Pin, Male	
334F	4460326	1	Plug, Male - 3 Position	
334F	4460226	3	Socket, Female	
334G	4460326	1	Plug, Male - 3 Position	
334G	4460227	3	Pin, Male	
334H	4460424	1	Receptacle, Female - 2 Position	
334H	4460226	2	Socket, Female	
334J	4460445	1	Receptacle, Female - 3 Position	
334J	4460227	3	Pin, Male	
334K	4460526	2	Connector, Strain Relief	
334L	1001096188	1	Plug, Male - 4 Position	
334L	4460509	2	Socket, Female	
334L	4460466	2	Plug, Sealing	
334M	4460931	1	Receptacle, Female - 8 Position	
334M	4460464	6	Pin, Male	
334M	4460466	2	Plug, Sealing	
		Ref	**DRIVE ELECTRICAL COMPONENTS**	
	1001109430	Ref	**Standard Specs**	F
	1001109431	Ref	**UL Specs**	H
411		Ref	Contactor Plate Components	
411A		Ref	Contactor Harness Options:	
411A	7022003	1	Contactor Harness E300A/AJ/AJP (Standard Machines)	
411A	7022008	1	Contactor Harness E300A/AJ/AJP (U/L Machines)	
411B	4460225	1	Plug, Male - 6 Position	
411B	4460226	6	Socket, Female	
411C	7022004	1	Posi-Track Harness	
411D	4460326	1	Plug, Male - 3 Position	
411D	4460227	3	Pin, Male	
411E	7022005	1	Shunt Harness	
411F	4460326	1	Plug, Male - 3 Position	
411F	4460226	3	Socket, Female	
411G	7022012	1	Cable, Power	
411H		Ref	Shunt/Bus Bar With Harness Assembly	
411H	70001052	1	Standard Specs	
411H	See Note	1	UL Specs (Note: Not available for purchase)	
412	2400062	1	Fuse 300 Amp (UL Specs Only)	
412	2400044	1	Block, Fuse Mounting (UL Specs Only)	
420	3990105	1	Speed Sensor Harness (P/N includes Speed Sensor)	
420A	4460225	2	Plug, Male - 6 Position	
420A	4460226	4	Socket, Female	
431		Ref	Cable, Electrical Options:	
431	1060732	1	Standard Specs	
431	1060767	1	UL Specs	
432		Ref	Cable, Electrical Options:	
432	1060733	1	Standard Specs	
432	1060768	1	UL Specs	
433		Ref	Cable, Electrical Options:	
433	1060734	1	Standard Specs	
433	1060769	1	UL Specs	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
434		Ref	Cable, Electrical Options:	
434	1060735	1	Standard Specs	
434	1060770	1	UL Specs	
435		Ref	Cable, Electrical Options:	
435	1060736	1	Standard Specs	
435	1060771	1	UL Specs	
436		Ref	Cable, Electrical Options:	
436	1060737	1	Standard Specs	
436	1060772	1	UL Specs	
437		Ref	Cable, Electrical Options:	
437	1060738	1	Standard Specs	
437	1060773	1	UL Specs	
438		Ref	Cable, Electrical Options:	
438	1060739	1	Standard Specs	
438	1060862	1	UL Specs	
439		Ref	Cable, Electrical Options:	
439	1060740	1	Standard Specs	
439	1060860	1	UL Specs	
440		Ref	Cable, Electrical Options:	
440	1001110065	1	Standard Specs	
440	1060847	1	UL Specs	
445	1060741	1	Cable Assembly (UL Specs)	
445A	4460025	2	Connector, Anderson	
		Ref	Cable Kit Options:	
	2901818	1	Standard Specs (Includes Items 431-439)	2
	4460025	1	UL Specs (Includes Items 431-438 & 440)	2
		Ref	**BATTERY BOX COMPONENTS**	
	1001108560	Ref	**Machines with 305AH Batteries**	B
	1001115997	Ref	**Machines with 305AH AGM Batteries**	A
	0259042	Ref	**Machines with 375AH Batteries**	J
502	0100048	AR	Grease, Dielectric	
503	0100051	AR	Grease, Battery Terminal	
508		Ref	Boot Options:	
508	See Note	AR	Boot, Square Shape (1001108560 Installation) (Note: Not Available - Purchase Item 510 p/n 1001109833)	
508	0840031	AR	Boot "d" Shaped (1001115997 & 0259042 Installations)	
509		Ref	Boot Options:	
509	See Note	AR	Boot, Square Shape (1001108560 Installation) (Note: Not Available - Purchase Item 510 p/n 1001109833)	
509	0840032	AR	Boot "b" Shaped (1001115997 & 0259042 Installations)	
510		Ref	Cable, Battery Options:	
510	1001109833	6	1001108560 Installation	
510	1060092	6	1001115997 & 0259042 Installations	
511		Ref	Cable Assembly Options:	
511	1001110065	1	1001108560 Installation (Standard Spec)	
511	1060741	1	1001108560 Installation (UL Spec)	
511	1060741	1	1001115997 & 0259042 Installations	
511A	4460025	2	Connector, Anderson	
512		Ref	Cable Assembly Options (Left Battery Box):	
512	1001110030	1	1001108560 Installation	
512	1060743	1	1001115997 & 0259042 Installations	
512A	4460025	1	Connector, Anderson	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
512B	1320172	1	Handle	
513		Ref	Cable Assembly Options (Right Battery Box):	
513	1001110066	1	1001108560 Installation	
513	1001116018	1	1001115997 & 0259042 Installations	
513	1060742	1	0259042 Installations	
513A	4460025	1	Connector, Anderson	
513B	1320172	1	Handle	
		Ref	**STANDARD HARNESS COMPONENTS**	
601	1001110088	1	Cable, Motor (Positive)	
601	See Note	2	Boot, Red (Note: Not available for purchase)	
602	1001110089	1	Cable, Motor (Negative)	
602	See Note	2	Boot, Black (Note: Not available for purchase)	
603	4360517		Drive Orientation Harness (Includes Switch)	
603A	4460320	1	Plug, Male - 2 Position	
603A	4460227	2	Pin, Male	
604		Ref	Battery Charger Components:	
604A	See Note	1	Charger Power/Interlock Harness (Note: Not available for purchase)	
604B	70020830	1	Receptacle, Female - 4 Position	
604B	4460508	2	Pin, Male	
604C	See Note	1	Connector, Strain Relief (Note: Not available for purchase)	
604D	See Note	1	Charger Signal Harness (Note: Not available for purchase)	
604E	4460930	1	Plug, Male - 8 Position	
604E	4460465	6	Socket, Female	
604F	See Note	2	Connector, Strain Relief (Note: Not available for purchase)	
604G	See Note	1	AC Cord (Battery Charger Side) (Note: Not available for purchase)	
605	1060689	1	AC to Charger Cord (Receptacle Side)	
606		Ref	AC Receptacle/Plug to Charger Components:	
606	1001103106	Ref	ANSI, ANSI Export and UL Spec	D
606	1001109116	Ref	ANSI Export Spec with Locally Supplied Receptacle	D
606	1001109117	Ref	Australian Spec	D
606	1001109116	Ref	CE Spec - Common Components	D
606	0275666	Ref	CE Spec - 110V (IEC Yellow Plug)	A
606	0275667	Ref	CE Spec - 220V (IEC Blue Plug)	A
606	0275663	Ref	CE Spec - 220V (CEE7 Post Ground Plug)	A
606	0275664	Ref	CE Spec - 220V (CEE7 Side Ground Plug)	A
606	0275665	Ref	CE Spec - 220V (AFSINT 107 Keyed Ground Plug)	A
606		Ref	ANSI and ANSI Export Spec Components:	
606	4460802	1	Cover, Weatherproof	
606	4460803	1	Receptacle and Boot	
606		Ref	ANSI Export Spec with Locally Supplied Components:	
606	4460428	1	Connector, Strain Relief	
606	See Note	1	Receptacle and Boot (Note: Not Available - Purchase Locally)	
606		Ref	Australian Spec Components:	
606	4460802	1	Cover, Weatherproof	
606	4460805	1	Receptacle and Boot	
606		Ref	CE Spec Component Options:	
606	4460428	1	Connector, Strain Relief	
606	4461196	Ref	Plug - 110V (IEC Yellow Plug)	
606	4461199	Ref	Plug - 220V (IEC Blue Plug)	
606	4461202	Ref	Plug - 220V (CEE7 Post Ground Plug)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
606	4461205	Ref	Plug - 220V (CEE7 Side Ground Plug)	
606	4461249	Ref	Plug - 220V (AFSINT 107 Keyed Ground Plug)	
607	See Note	1	Alarm Harness (Note: Not Available - Purchase Complete Alarm)	
607A	4460536	1	Receptacle, Female - 3 Position	
607A	4460464	3	Pin, Male	
		Ref	**OPTIONAL HARNESS COMPONENTS**	
701	See Note	1	Strobe Light Harness (Note: Not Available - Purchase Complete Light)	
701A	4460424	1	Connector, Female - 2 Position	
701A	4460226	2	Socket, Female	
702	1001110444	1	Strobe Light Extension Harness (Note: Now Part of Main Harness p/n 1001109610)	A
702A	4460320	1	Plug, Male - 2 Position	
702A	4460227	2	Pin, Male	
702B	4460424	1	Connector, Female - 2 Position	
702B	4460226	2	Socket, Female	
703		Ref	Platform Worklight Electrical Components	
703A	See Note	2	Platform Worklight Harness (Note: Not Available - Purchase Complete Light)	
703B	2400067	1	Fuseholder	
703B	2400067	1	Fuse 10Amp	
703B	4460260	1	Terminal	
703B	4460297	1	Terminal	
703C	4460428	1	Connector, Strain Relief	
703D	1001110393	1	Worklight Harness (Inside Ground Control Box)	
704	See Note	1	Indicator Lamp Harness (Note: Not Available - Purchase Complete Lamp)	
704A	4460424	1	Connector, Female - 2 Position	
704A	4460226	2	Socket, Female	
705	1001110383	1	Load Sensing Harness	
705A	4460320	1	Plug, Male - 2 Position	
705A	4460227	2	Pin, Male	
705B	4460226	2	Socket, Female	
706		Ref	AC Power to Platform Components:	
706	1001110541	Ref	ANSI, ANSI Export and UL Spec - 110V GFI	B
706	1001110542	Ref	ANSI Export, Australian and CE Specs with Locally Supplied Receptacle	A
706	1001110543	Ref	ANSI and CSA Specs - 220V	B
706	0275714	Ref	CE Spec - 110V (IEC Yellow Plug)	D
706	0275715	Ref	CE Spec - 220V (IEC Blue Plug)	D
706	0275711	Ref	CE Spec - 220V (CEE7 Post Ground Plug) (2X4 Box)	D
706	0275716	Ref	CE Spec - 220V (CEE7 Post Ground Plug)(70mm X 70mm Box)	D
706	0275712	Ref	CE and ANSI Export Specs - 220V (CEE7 Side Ground Plug) (2X4 Box)	D
706	0275717	Ref	CE Spec - 220V (CEE7 Side Ground Plug)(70mm X 70mm Box)	D
706	0275713	Ref	CE Spec - 220V (AFSINT 107 Keyed Ground Plug)	D
706A		Ref	Box, Switch Options:	
706A	0860038	1	1001110541 & 1001110543 Installations	
706A	See Note	1	1001110542 Installation (Note: Not Available - Purchase Locally)	
706A	0861781	1	0275714 & 0275715 Installations	
706A	0861731	1	0275711, 0275712 & 0275713 Installations	
706A	See Note	1	0275716 & 0275717 Installations (Note: Was p/n 0861782	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			which is no longer available. Use p/n 1001100344 CEE 7 Side Ground Service Kit or p/n 1001100343 CEE 7 Post Ground Service Kit. Kits includes Box p/n 1001141967 & items 706B-706D.)	
706A	1001141967	1	1001100343, 1001100344, 1001141970 & 1001141971 Kits	
706B		Ref	Receptacle Options:	
706B	4460346	1	1001110541 Installation	
706B	See Note	1	1001110542 Installation (Note: Not Available - Purchase Locally)	
706B	4460125	1	1001110543 Installation	
706B	4461198	1	0275714 Installation	
706B	4461201	1	0275715 Installation	
706B	4461244	1	0275711 Installation	
706B	4461245	1	0275712 Installation	
706B	4461207	1	0275717 Installation (Use p/n 1001141970)	
706B	4461246	1	0275713 Installation	
706B	1001141968	1	1001100343 & 1001141971 Kit	
706B	1001141969	1	1001100344 & 1001141970 Kit	
706C		Ref	Cover Options:	
706C	1001110873	1	1001110541 Installation	
706C	See Note	1	1001110542 Installation (Note: Not Available - Purchase Locally)	
706C	4460092	1	1001110543 Installation	
706C	4461198	1	0275714 Installation	
706C	4461201	1	0275715 Installation	
706C	4461244	1	0275711 Installation	
706C	4461204	1	0275716 Installation (Use p/n 1001141971)	
706C	4461245	1	0275712 Installation	
706C	4461207	1	0275717 Installation (Use p/n 1001141970)	
706C	4461246	1	0275713 Installation	
706C	1001141968	1	1001100343 & 1001141971 Kit	
706C	1001141969	1	1001100344 & 1001141970 Kit	
706D		Ref	Plug Options:	
706D	4460205	1	1001110541 Installation	
706D	See Note	1	1001110542 Installation (Note: Not Available - Purchase Locally)	
706D	4460233	1	1001110543 Installation	
706D	4461196	1	0275714 Installation	
706D	4461199	1	0275715 Installation	
706D	4461202	1	0275711, 0275716 Installation & 1001100343 & 1001141971 Kits	
706D	4461205	1	0275712, 0275717 Installation & 1001100344 & 1001141970 Kits	
706D	4461249	1	0275713 Installation	
706E		Ref	Gasket Options:	
706E	3960422	1	1001110541 & 1001110543 Installations	
706E	See Note	1	1001110542 Installation (Note: Not Available - Purchase Locally)	
706E	Not Required	1	0275711, 0275712, 0275713, 0275714, 0275715, 0275716, 0275717 Installations	
706F		Ref	Hardware Options:	
706F	3910610	AR	Screw #6-32NC x 5/8in	
706F	4760600	AR	Lockwasher #6	
706F	0700408	AR	Bolt M4 x 16mm	

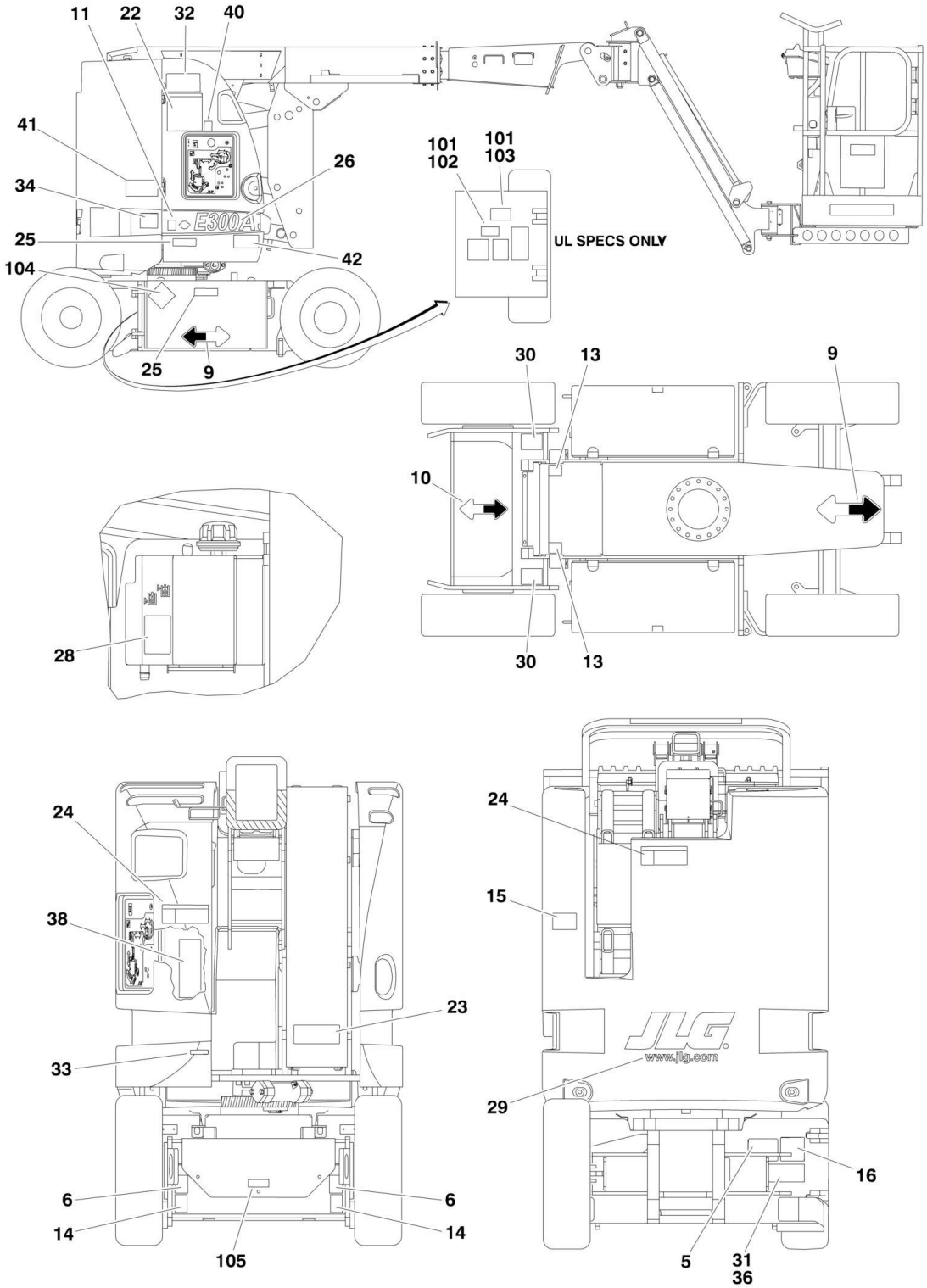
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
706F	4811400	AR	Flatwasher 4mm	
706F	3290405	AR	Locknut M4	
706G		Ref	Connector, Strain Relief Options:	
706G	4460071	1	1001110541 & 1001110543 Installations	
706G	See Note	1	1001110542 Installation (Note: Not Available - Purchase Locally)	
706G	4460968	1	0275714, 0275715, 0275716 & 0275717 Installations	
706G	4460662	1	0275711, 0275712 & 0275713 Installations	
706H	4460710	1	Receptacle, Female Twist Lock	
706J		Ref	Decal - Voltage Options:	
706J	3251243	1	1001110541 Installation	
706J	See Note	1	1001110542 Installation (Note: Not available for purchase)	
706J	3252507	1	0275711, 0275712, 0275713, 0275715, 0275716, 0275717 & 1001110543 Installations	
706J	1705325	1	0275714 Installation	
706K		Ref	Bracket, Receptacle Box Options:	
706K	Not Required	1	1001110541, 1001110542, 1001110543 Installations	
706K	0903484	1	0275711, 0275712, 0275713, 0275714, 0275715, 0275716, 0275717 Installations	
706L		Ref	Hardware Options (0275711, 0275712, 0275713, 0275714, 0275715, 0275716, 0275717 Installations Only):	
706L	0641407	AR	Bolt 1/4in-20NC x 7/8in	
706L	0641416	AR	Bolt 1/4in-20NC x 2in	
706L	4711400	AR	Flatwasher 1/4in Thin	
706L	4751400	AR	Flatwasher 1/4in Regular	
706L	3311405	AR	Locknut 1/4in-20NC	
706L	1320041	AR	Clamp	
706M		Ref	Bracket, Breaker Box Options:	
706M	Not Required	1	1001110541, 1001110542, 1001110543 Installations	
706M	0903612	1	0275711, 0275712, 0275713, 0275714, 0275715, 0275716, 0275717 Installations	
706N		Ref	Circuit Breaker Kit Options:	
706N	Not Required	1	1001110541, 1001110542, 1001110543 Installations	
706N	0903484	1	0275711, 0275712, 0275713, 0275714, 0275715, 0275716, 0275717 Installations	
706N	0861880	1	Box, Breaker	
706N	1001109475	1	Breaker, Circuit - 16Amp	
706N	1001109482	1	Breaker, Circuit - 30mAmp	
706N	4460956	1	Barrier, Terminal Block End	
706N	4460956	1	Block, Terminal	
706P	10011097150	2	Connector, Strain Relief	
706R	1060908	6 ft/1.82m	Cable, Electrical - 12/3	
		Ref	Switch Box, Receptacle and Plug Kit Options:	
	See Note		1001110541, 1001110542 & 1001110543 Installations (Note: Purchase Individual Components)	
	0275216		0275714 Installation (Includes Items 706A, 706B, 706C & 706D)	
	0275217		0275715 Installation (Includes Items 706A, 706B, 706C & 706D)	
	0275452		0275711 Installation (Includes Items 706A, 706B, 706C & 706D)	
	0275218	1	0275716 Installation (Includes Items 706A, 706B, 706C & 706D) (Use p/n 1001100343)	
	0275453		0275712 Installation (Includes Items 706A, 706B, 706C &	

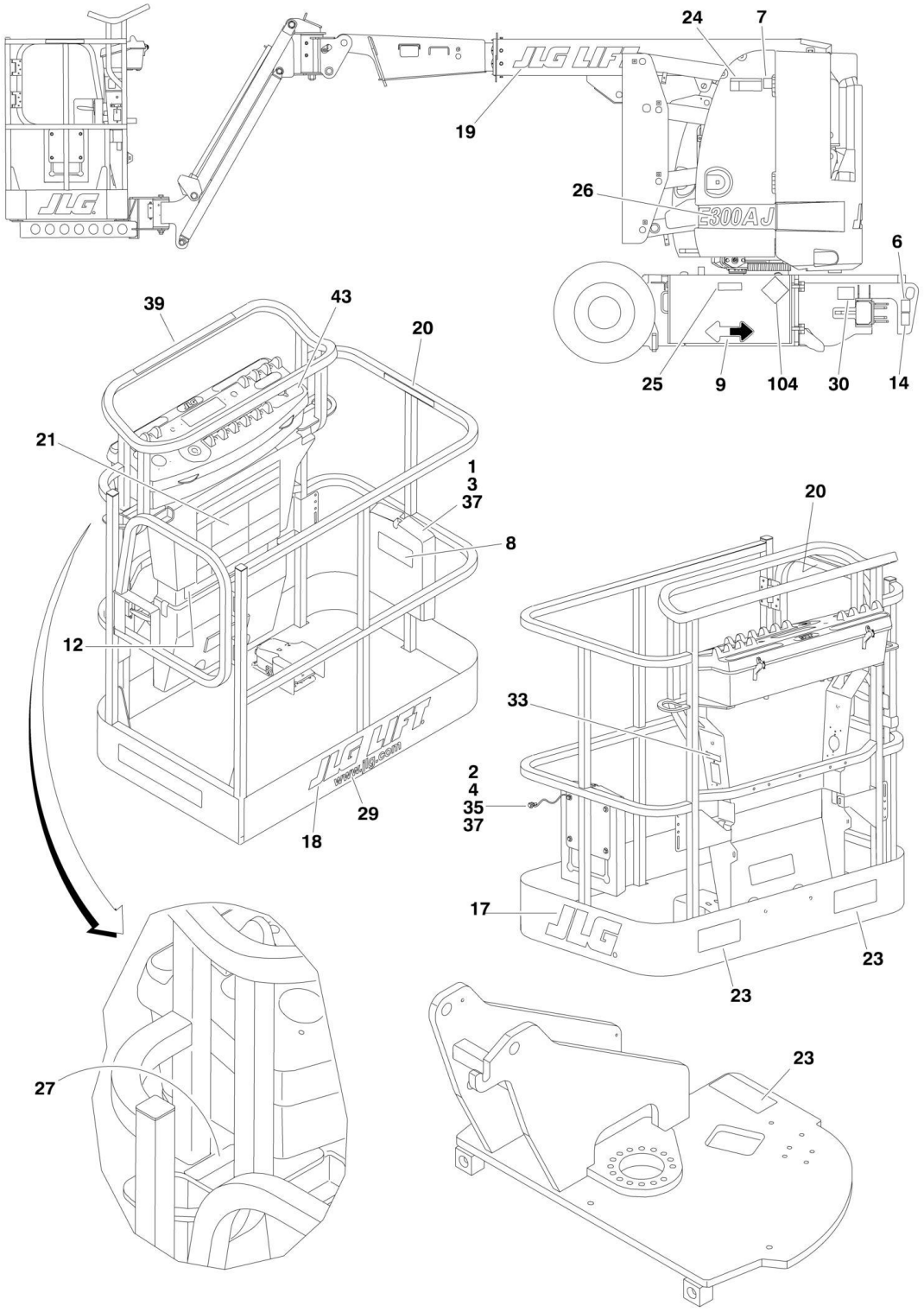
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			706D)	
	0275219	1	0275717 Installation (Includes Items 706A, 706B, 706C & 706D) (Use p/n 1001100344)	
	0275454		0275713 Installation (Includes Items 706A, 706B, 706C & 706D)	
	1001110271	Ref	**INVERTER ELECTRICAL COMPONENTS (OPTIONAL)**	B
803	1060494	12 ft/3.7m	Cable, Electrical - 12/3	
804	1060801	1	Cable, Inverter (+)	
805	1060802	1	Cable, Inverter (-)	
814	4460035	1	Terminal, Butt	
815	4460135	1	Receptacle, Female Twist-Lock	
816	4460138	1	Plug, Male	
817	4460426	1	Connector, Strain Relief	
820	1001110449	1	Harness, Inverter	
820A	4460320	1	Plug, Male - 2 Position	
820A	4460227	2	Pin, Male	
820B	4460424	1	Connector, Female - 2 Position	
820B	4460226	2	Socket, Female	
		Ref	**TOOLS**	
901	7002821	1	Crimper (For Wire to Pin/Socket Connections) (Not Shown)	
902	7002823	1	Extractor (For Removal of Pin/Socket from Connectors) (Not Shown)	
903	4460467	1	Extractor, Pin (Blue 16-18 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	
904	4460510	1	Extractor, Pin (Yellow 12-14 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	
905	7002828	1	Stripper, Wire (Not Shown)	
906	2901443	1	Analyzer Kit (Not Shown)	
906A	1600244	1	Analyzer	
906B	1060633	1	Cable, Analyzer	1-A
906C	4460321	2	Plug, Male	
906C	4460226	8	Socket, Female	
907	1001137005	1	Software Cable Kit (Not Shown)	

SECTION 8 - DECALS

SECTION 8 - DECALS

FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)

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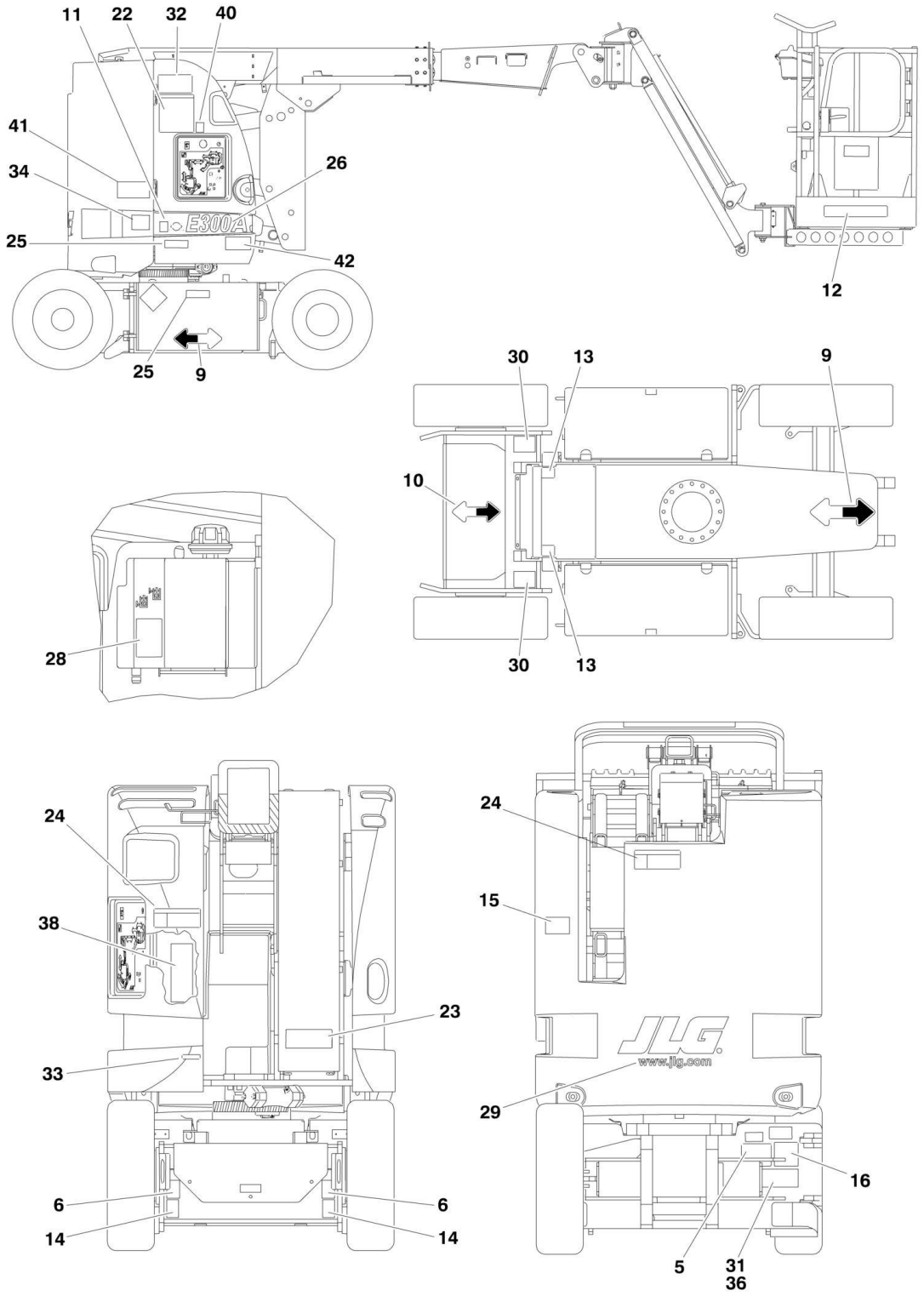
SECTION 8 - DECALS

FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**STANDARD DECAL INSTALLATIONS**	
		Ref	**ANSI Spec**	
	1001109493	Ref	**ANSI Spec (Prior to SN 0300194887)**	F
	1001176388	Ref	**ANSI Spec (SN 0300194887 to Present)**	A
	1001110613	Ref	**Standard Decal Installations E300AJ JLG Logo Decals**	B
	1001115980	Ref	**Standard Decal Installations E300AJP JLG Logo Decals**	B
1	0641406	4	Bolt 1/4in-20NC x 3/4in	
2	0641408	1	Bolt 1/4in-20NC x 1in	
3	0860520	1	Box, Manual Storage	
4	1060279	1	Cable, Lanyard	
5		Ref	Decal - Patent Options:	
5	1700584	1	Decal - Patent **(SN 0300138358 through 0300161219)**	
5	1001131269	1	Decal - Patent **(SN 0300161220 to Present)**	
6	1701500	4	Decal - Lift	
7	1701504	1	Decal - Hydraulic Oil	
8	1701509	1	Decal - Manual	
9	1701529	3	Decal - Arrow 12in	
10	1701642	1	Decal - Arrow 9in	
11	1701644	1	Decal - Battery Charger	
12		Ref	DECAL - 500LBS CAPACITY OPTIONS:	
12	1701645	1	Decal - 500Lbs Capacity **(SN 0300138358 through 0300142881)**	
12	1001121801	1	Decal-500Lbs Capacity **(SN 0300142882 to Present)**	
13	1702155	2	Decal - Battery Disconnect	
14	1702300	4	Decal - Tie Down	
15	1702391	1	Decal - Hand Crushing	
16	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
17		Ref	Decal Options:	
17	1702773	1	Decal JLG (E300AJ)	
17	1704200	1	Decal Jib Plus (E300AJP)	
18	1702774	1	Decal - JLG Lift 3in	
19	1702860	1	Decal - JLG Lift 5in	
20	1702868	2	Decal - No Hands	
21	1703797	1	Decal - Danger/Warning	
22	1703798	1	Decal - Warning/Danger	
23	1703804	4	Decal - Warning Crushing	
24	1703805	3	Decal - Electrocution	
25	1703813	3	Decal - Warning Battery Ventilation	
26		Ref	Decal - Model Designation	
26	1704199	2	Decal E300AJ	
26	1704267	2	Decal E300AJP	
27	1704277	2	Decal - Lanyard Attach Graphic	
28	1704412	1	Decal - Hydraulic Oil	
29	1704885	AR	Decal - Website Options:	
29	1704885	2	Decal **(SN 0300138358 through 0300173651)**	
29	1704885	1	Decal **(SN 0300173652 to Present)**	
30	1706126	4	Decal - Tire Load	
31	See Note	1	Nameplate - Serial Number (Note: Not available for purchase)	
32		Ref	Decal - 500Lbs Capacity Options:	
32	1707014	1	Decal- 500Lbs Capacity **(SN 0300138358 through**	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			0300142881)	
32	1001121801	1	Decal-500Lbs Capacity **(SN 0300142882 to Present)**	
33	3251243	2	Decal - 120V-60HZ	
34	3251813	1	Decal - USA	
35	3311405	1	Locknut 1/4in-20NC	
36	3820001	2	Rivet	
37	4751400	6	Flatwasher 1/4in Regular	
38	1001110196	1	Decal - Manual Descent	
39	1001110276	1	Decal - Legend Platform	
40	1001110389	1	Decal - Legend Ground	
41	1001112461	1	Decal - Lift Diagram	
42	1001112777	1	Decal - Manual Descent	
43	1705351	1	Decal - Drive/Steer Instructions	
44	3252347	1	Decal - Foot Switch	
	0270432	Ref	**UL DECALS INSTALLATION (UL SPEC ONLY)**	2-A
101	3820001	8	Rivet	
102	3252331	1	Nameplate - Battery Information	
103	See Note	1	Nameplate - UL Certification(Note: Not available for purchase)	
104	1702251	2	Nameplate - "EE"	
105	1704720	1	Decal - Replacement Fuse	

FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPECS)



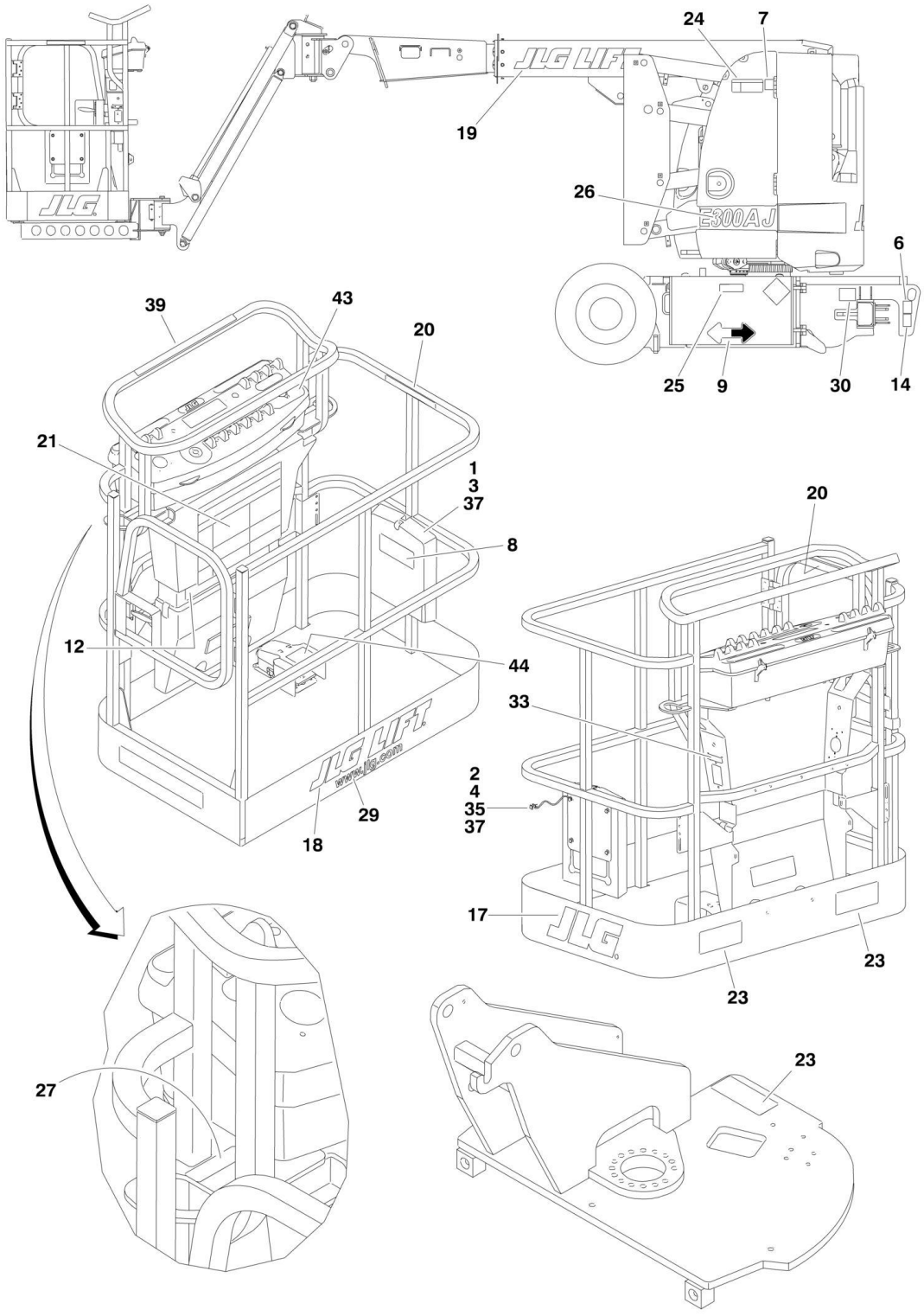

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FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**STANDARD DECAL INSTALLATIONS**	
		Ref	**ANSI Spec (English Languages)**	
	1001109493	Ref	**ANSI Spec (English Languages) (Prior to SN 0300194887)**	F
	1001176388	Ref	**ANSI Spec (English Languages) (SN 0300194887 to Present)**	A
		Ref	**Brazil Spec (Portuguese/Spanish Languages)**	
	1001110831	Ref	**Brazil Spec (Portuguese/Spanish Languages) (Prior to SN 0300194887)**	D
	1001176488	Ref	**Brazil Spec (Portuguese/Spanish Languages) (SN 0300194887 to Present)**	A
		Ref	**Chinese Spec (Chinese/English Languages**	
	1001110830	Ref	**Chinese Spec (Chinese/English Languages) (Prior to SN 0300194887)**	D
	1001176595	Ref	**Chinese Spec (Chinese/English Languages) (SN 0300194887 to Present)**	A
		Ref	**CSA Spec (French/English Languages)**	
	1001110829	Ref	**CSA Spec (French/English Languages) (Prior to SN 0300194887)**	E
	1001176561	Ref	**CSA Spec (French/English Languages) (SN 0300194887 to Present)**	A
		Ref	**Japanese Spec (Japanese/English Languages)**	
	1001110825	Ref	**Japanese Spec (Japanese/English Languages) (Prior to SN 0300194887)**	D
	1001176391	Ref	**Japanese Spec (Japanese/English Languages) (SN 0300194887 to Present)**	A
		Ref	**Korean Spec (Korean/English Languages)**	
	1001110827	Ref	**Korean Spec (Korean/English Languages) (Prior to SN 0300194887)**	D
	1001176482	Ref	**Korean Spec (Korean/English Languages) (SN 0300194887 to Present)**	A
		Ref	**Latin America Spec (Spanish/English Languages)**	
	1001110828	Ref	**Latin America Spec (Spanish/English Languages) (Prior to SN 0300194887)**	D
	1001176483	Ref	**Latin America Spec (Spanish/English Languages) (SN 0300194887 to Present)**	A
	1001110613	Ref	**Standard Decal Installations E300AJ JLG Logo Decals**	B
	1001115980	Ref	**Standard Decal Installations E300AJP JLG Logo Decals**	B
1	0641406	4	Bolt 1/4in-20NC x 3/4in	
2	0641408	1	Bolt 1/4in-20NC x 1in	
3	0860520	1	Box, Manual Storage	
4	1060279	1	Cable, Lanyard	
5		Ref	Decal - Patent Options:	
5	1700584	1	Decal - Patent **(SN 0300138358 through 0300161219)**	
5	Not Required	1	Decal - Patent **(SN 0300161220 to Present)**	
6	1701500	4	Decal - Lift	
7	1701504	1	Decal - Hydraulic Oil	
8	1701509	1	Decal - Manual	
9	1701529	3	Decal - Arrow 12in	
10	1701642	1	Decal - Arrow 9in	
11	1701644	1	Decal - Battery Charger	
12		Ref	Decal - Capacity	
12		Ref	Decal - Capacity **(SN 0300138358 through 0300142881)**	
12	1707134	2	Brazil Spec (Portuguese/Spanish Languages)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
12	1707060	2	Chinese Spec (Chinese/English Languages)	
12	1707055	2	CSA Spec (French/English Languages)	
12	1707059	2	Japanese Spec (Japanese/English Languages)	
12	1707058	2	Korean Spec (Korean/English Languages)	
12	1707056	2	Latin America Spec (Spanish/English Languages)	
12		Ref	Decal - Capacity **(SN 0300142882 to Present)**	
12	1001121801	2	ANSI Spec (English Languages)	
12	1001121920	2	Brazil Spec (Portuguese/Spanish Languages)	
12	1001121810	2	Chinese Spec (Chinese/English Languages)	
12	1001121803	2	CSA Spec (French/English Languages)	
12	1001121808	2	Japanese Spec (Japanese/English Languages)	
12	1001121918	2	Korean Spec (Korean/English Languages)	
12	1001121805	2	Latin America Spec (Spanish/English Languages)	
13	1702155	2	Decal - Battery Disconnect	
14	1702300	4	Decal - Tie Down	
15		Ref	Decal - Hand Crushing Options:	
15	1702391	1	ANSI Spec (English Languages)	
15	1001113170	1	Brazil Spec (Portuguese/Spanish Languages)	
15	1001113168	1	Chinese Spec (Chinese/English Languages)	
15	1001113169	1	CSA Spec (French/English Languages)	
15	1001113166	1	Japanese Spec (Japanese/English Languages)	
15	1001113509	1	Korean Spec (Korean/English Languages)	
15	1001113171	1	Latin America Spec (Spanish/English Languages)	
16	See Note	1	Decal - Bar Code (Note: Not available for purchase)	
17		Ref	Decal Options:	
17	1702773	1	Decal JLG (E300AJ)	
17	1704200	1	Decal Jib Plus (E300AJP)	
18	1702774	1	Decal - JLG Lift 3in	
19	1702860	1	Decal - JLG Lift 5in	
20		Ref	Decal - No Hands Options:	
20	1702868	2	ANSI Spec (English Languages)	
20	1704002	2	Brazil Spec (Portuguese/Spanish Languages)	
20	1705968	2	Chinese Spec (Chinese/English Languages)	
20	1704000	2	CSA Spec (French/English Languages)	
20	Not Required	2	Japanese Spec (Japanese/English Languages)	
20	1705969	2	Korean Spec (Korean/English Languages)	
20	1704001	2	Latin America Spec (Spanish/English Languages)	
21		Ref	Decal - Warning (Platform) Options:	
21	1703797	1	ANSI Spec (English Languages)	
21	1703928	1	Brazil Spec (Portuguese/Spanish Languages)	
21	1703925	1	Chinese Spec (Chinese/English Languages)	
21	1703924	1	CSA Spec (French/English Languages)	
21	1703926	1	Japanese Spec (Japanese/English Languages)	
21	1703927	1	Korean Spec (Korean/English Languages)	
21	1703923	1	Latin America Spec (Spanish/English Languages)	
22		Ref	Decal - Warning (Ground Control Box) Options:	
22	1703798	1	ANSI Spec (English Languages)	
22	1703934	1	Brazil Spec (Portuguese/Spanish Languages)	
22	1703931	1	Chinese Spec (Chinese/English Languages)	
22	1703930	1	CSA Spec (French/English Languages)	
22	1703932	1	Japanese Spec (Japanese/English Languages)	

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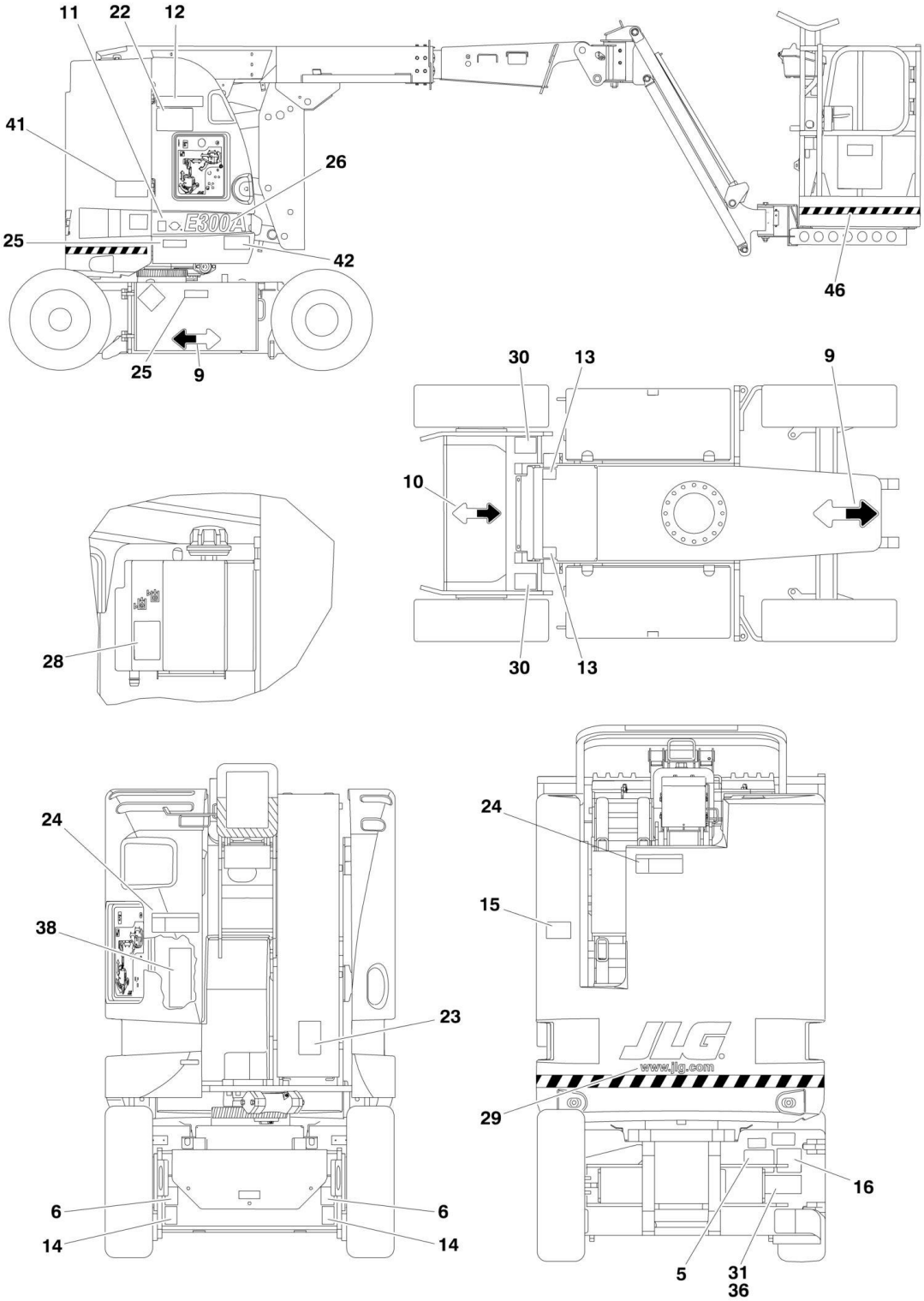
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
22	1703933	1	Korean Spec (Korean/English Languages)	
22	1703929	1	Latin America Spec (Spanish/English Languages)	
23		Ref	Decal - Warning Crushing Options:	
23	1703804	4	ANSI Spec (English Languages)	
23	1703952	4	Brazil Spec (Portuguese/Spanish Languages)	
23	1703949	4	Chinese Spec (Chinese/English Languages)	
23	1703948	4	CSA Spec (French/English Languages)	
23	1703950	4	Japanese Spec (Japanese/English Languages)	
23	1703951	4	Korean Spec (Korean/English Languages)	
23	1703947	4	Latin America Spec (Spanish/English Languages)	
24		Ref	Decal - Electrocution Options:	
24	1703805	3	ANSI Spec (English Languages)	
24	1703940	3	Brazil Spec (Portuguese/Spanish Languages)	
24	1703937	3	Chinese Spec (Chinese/English Languages)	
24	1703936	3	CSA Spec (French/English Languages)	
24	1703938	3	Japanese Spec (Japanese/English Languages)	
24	1703939	3	Korean Spec (Korean/English Languages)	
24	1703935	3	Latin America Spec (Spanish/English Languages)	
25		Ref	Decal - Warning Battery Ventilation Options:	
25	1703813	3	ANSI Spec (English Languages)	
25	1704341	3	Brazil Spec (Portuguese/Spanish Languages)	
25	1704344	3	Chinese Spec (Chinese/English Languages)	
25	1704340	3	CSA Spec (French/English Languages)	
25	1704342	3	Japanese Spec (Japanese/English Languages)	
25	1704343	3	Korean Spec (Korean/English Languages)	
25	1704339	3	Latin America Spec (Spanish/English Languages)	
26		Ref	Decal - Model Designation	
26	1704199	2	Decal - Model Designation E300AJ	
26	1704267	2	Decal - Model Designation E300AJP	
27	1704277	2	Decal - Lanyard Attach Graphic	
28	1704412	1	Decal - Hydraulic Oil	
29	1704885	AR	Decal - Website Options:	
29	1704885	2	Decal **(SN 0300138358 through 0300173651)**	
29	1704885	1	Decal **(SN 0300173652 to Present)**	
30	1706126	4	Decal - Tire Load	
31	See Note	1	Nameplate - Serial Number (Note: Not available for purchase)	
32		Ref	Decal - Capacity Options:	
32		Ref	Decal - Capacity **(SN 0300138358 through 0300142881)**	
32	1707133	1	Brazil Spec (Portuguese/Spanish Languages)	
32	1707044	1	Chinese Spec (Chinese/English Languages)	
32	1707047	1	CSA Spec (French/English Languages)	
32	1707054	1	Japanese Spec (Japanese/English Languages)	
32	1707042	1	Korean Spec (Korean/English Languages)	
32	1707049	1	Latin America Spec (Spanish/English Languages)	
32		Ref	Decal - Capacity **(SN 0300142882 to Present)**	
32	1001121814	1	ANSI Spec (English Languages)	
32	1001121923	1	Brazil Spec (Portuguese/Spanish Languages)	
32	1001121823	1	Chinese Spec (Chinese/English Languages)	
32	1001121816	1	CSA Spec (French/English Languages)	
32	1001121821	1	Japanese Spec (Japanese/English Languages)	
32	1001121921	1	Korean Spec (Korean/English Languages)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
32	1001121818	1	Latin America Spec (Spanish/English Languages)	
33		Ref	Decal - 120V-60Hz Options:	
33	Not Required	2	Brazil, Japanese, Korean and Latin American Specs	
33	3251243	2	ANSI, Chinese and CSA Specs	
34		Ref	Decal - USA Options:	
34	3251813	1	ANSI, Brazil, Chinese, CSA, Japanese and Latin American Specs	
34	Not Required	1	Korean Specs	
35	3311405	1	Locknut 1/4in-20NC	
36	3820001	2	Rivet	
37	4751400	AR	Flatwasher 1/4in Regular	
38	1001110196	1	Decal - Manual Descent	
39	1001110276	1	Decal - Legend Platform	
40	1001110389	1	Decal - Legend Ground	
41	1001112461	1	Decal - Lift Diagram	
42	1001112777	1	Decal - Manual Descent	
43		Ref	Decal - Drive/Steer Instructions Options:	
43	1705351	1	ANSI Spec (English Languages)	
43	1001113680	1	Brazil Spec (Portuguese/Spanish Languages)	
43	1705430	1	Chinese Spec (Chinese/English Languages)	
43	1705429	1	CSA Spec (French/English Languages)	
43	1705426	1	Japanese Spec (Japanese/English Languages)	
43	1705427	1	Korean Spec (Korean/English Languages)	
43	1705910	1	Latin America Spec (Spanish/English Languages)	
44		Ref	Nameplate - Footswitch Options:	
44	3252347	1	ANSI Spec (English Languages)	
44	1703985	1	Brazil Spec (Portuguese/Spanish Languages)	
44	1703982	1	Chinese Spec (Chinese/English Languages)	
44	1703984	1	CSA Spec (French/English Languages)	
44	1703980	1	Japanese Spec (Japanese/English Languages)	
44	1703981	1	Korean Spec (Korean/English Languages)	
44	1703983	1	Latin America Spec (Spanish/English Languages)	
45		Ref	Decal - CSA Options (Not Shown):	
45	Not Required	2	Brazil, Chinese, Japanese, Korean and Latin American Specs	
45	1705514	2	CSA Specs	

FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN/CE SPECS)



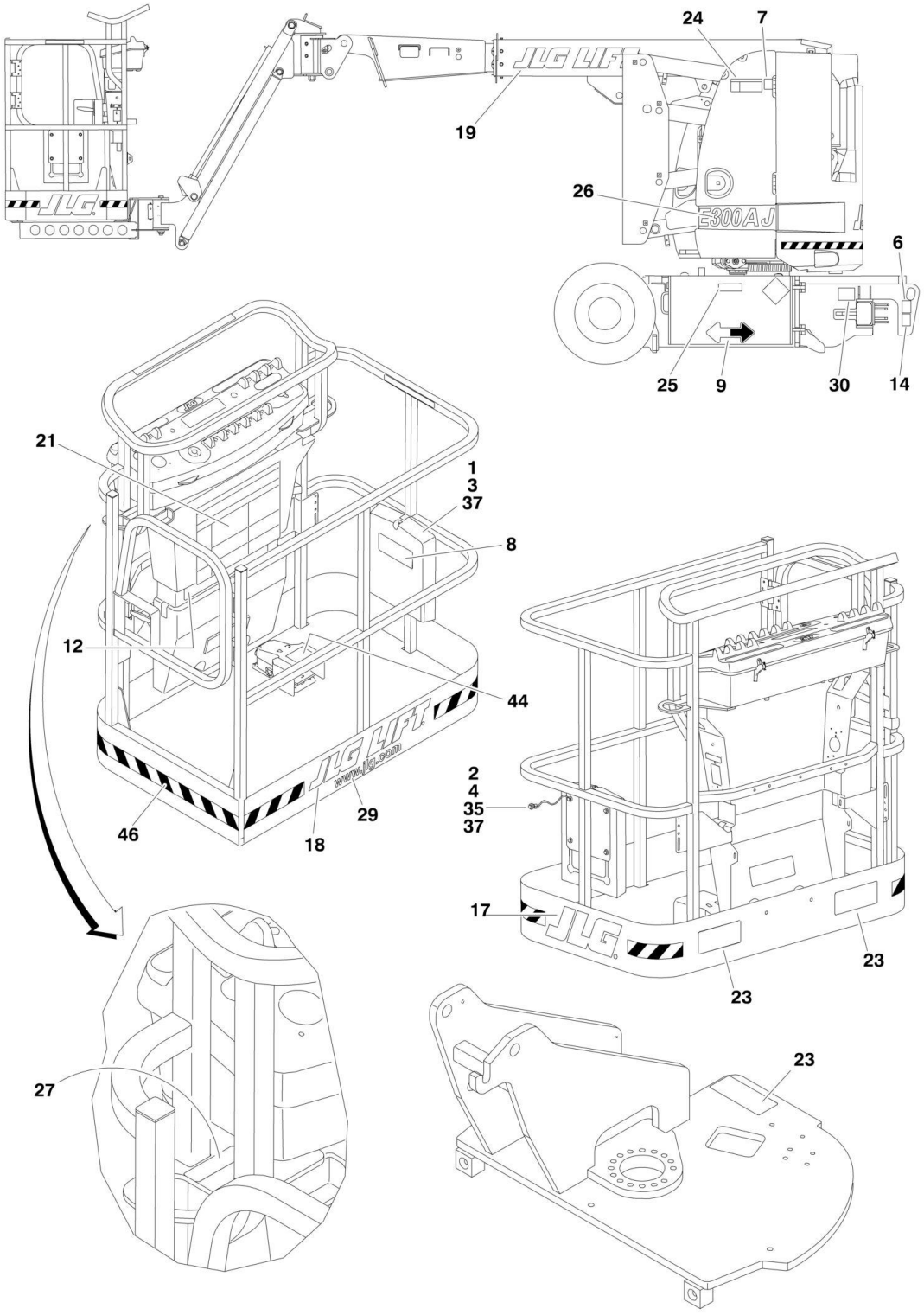

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FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN/CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**STANDARD DECAL INSTALLATIONS**	
	1001110824	Ref	**Australian and CE Specs**	D
	1001110613	Ref	**Standard Decal Installations E300AJ JLG Logo Decals**	B
	1001115980	Ref	**Standard Decal Installations E300AJP JLG Logo Decals**	B
1	0641406	4	Bolt 1/4in-20NC x 3/4in	
2	0641408	1	Bolt 1/4in-20NC x 1in	
3	0860520	1	Box, Manual Storage	
4	1060279	1	Cable, Lanyard	
5		Ref	Decal - Patent Options:	
5	1700584	1	Decal - Patent **(SN 0300138358 through 0300161219)**	
5	Not Required	1	Decal - Patent **(SN 0300161220 to Present)**	
6	1701500	4	Decal - Lift	
7	1701504	1	Decal - Hydraulic Oil	
8	1701509	1	Decal - Manual	
9	1701529	3	Decal - Arrow 12in	
10	1701642	1	Decal - Arrow 9in	
11	1701644	1	Decal - Battery Charger	
12	1705978	1	Decal - Capacity	
13	1702155	2	Decal - Battery Disconnect	
14	1702300	4	Decal - Tie Down	
15	1701517	1	Decal - Hand Crushing	
16	See Note	1	Decal - Bar Code (Note: Not available for purchase)	
17		Ref	Decal Options:	
17	1702773	1	Decal JLG (E300AJ)	
17	1704200	1	Decal Jib Plus (E300AJP)	
18	1702774	1	Decal - JLG Lift 3in	
19	1702860	1	Decal - JLG Lift 5in	
21	1705921	1	Decal - Tipping/Electrocution	
22	1705822	1	Decal - Electrocution/Safety Manual	
23	1701518	4	Decal - Crushing	
24	1705961	3	Decal - Electrocution	
25	1705670	3	Decal - Fire Hazard	
26		Ref	Decal - Model Designation	
26	1704199	2	Decal E300AJ	
26	1704267	2	Decal E300AJP	
27	1704277	2	Decal - Lanyard Attach Graphic	
28	1704412	1	Decal - Hydraulic Oil	
29	1704885	AR	Decal - Website Options:	
29		Ref	Decal **(SN 0300138358 through 0300173651)**	
29		Ref	Decal **(SN 0300173652 to Present)**	
30	1706126	4	Decal - Tire Load	
31	See Note	1	Nameplate - Serial Number (Note: Not available for purchase)	
35	3311405	1	Locknut 1/4in-20NC	
36	3820001	2	Rivet	
37	4751400	6	Flatwasher 1/4in Regular	
38	1001110196	1	Decal - Manual Descent	
41	1001112461	1	Decal - Lift Diagram	
42	1001112777	1	Decal - Manual Descent	
44	1705828	1	Nameplate - Footswitch	
46	4420051	11.5	Tape, Safety	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		ft/3.5m		

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 9-1. MODELS E300AJ AND E300AJP STANDARD PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	**Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.**	
		Ref	**STANDARD PARTS**	
	7022011	2	Diode	
	70002526	1	Breather	
	70004228	1	Element, Filter	
	70002525	1	Filter	
	7024883	1	Coil	
	7024885	1	Coil	
	4360517	1	Switch, Proximity	
	4360070	1	Breaker, Circuit - 15 Amp	
	2860030	1	Key, Replacement	
	4360475	1	Switch, Mushroom	
	4360476	1	Contact, Switch Block	
	4360328	1	Switch, Toggle	
	4360330	1	Switch, Toggle	
	70001996	1	Power Track Repair Section	
	1001178139	1	Controller (Lift and Swing)	
	1001178132	1	Controller (Drive and Steer)	
	4360387	1	Switch, Push Button	
	7003982	1	Microswitch (Drive/Steer)	
	70002386	1	Coil	

FIGURE 9-2. MODELS E300AJ AND E300AJP VARIABLE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	1	**Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.**	
		Ref	**VARIABLE PARTS**	
	1600293	1	Module, Drive	
	2400062	1	Fuse 300Amp (UL Spec Only)	
	1001112779	1	Module, Power	
	1001109497	1	Module, Ground Control	
	4360469	1	Switch, Key (All Specs Except CE Spec)	
	4360470	1	Switch, Key (CE Spec Only)	
	2940074	1	Latch (Platform with Gate)	
	1001117172	1	Footswitch	
	1001109498	1	Module, Platform	
	4360548	1	Switch, Limit	
	2400068	2	Fuse 10 Amp (Machines with Platform Worklights)	
	1001109475	1	Breaker, Circuit 16Amp (CE Machines with AC Power at Platform)	
	1001109482	1	Breaker, Circuit 30mAmp (CE Machines with AC Power at Platform)	

SECTION 10 - SPECIAL OPTION

SECTION 10 - SPECIAL OPTION

FIGURE 10-1. SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**MISCELLANEOUS SPECIAL OPTIONS**	
	Note	Ref	**Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.**	
	0259250	Ref	**Air Line at Platform Installation**	
	0259384	Ref	**Bellows Installations**	
		Ref	**Boom Wiper Installation**	
	1001109709	Ref	**Boom Wiper Installation E300AJ**	
	1001109709	Ref	**Boom Wiper Installation E300AJP (SN 0300138358 through 0300157823)**	
	1001119962	Ref	**Boom Wiper Installation E300AJP (SN 0300157824 to Present)**	
	0256789	Ref	**Camera Mount Assembly**	
		Ref	**Decal Installations**	
	0274530	Ref	Decal - Head and Engquist Equipment	
		Ref	Decal - Hertz Options:	
	0273262	Ref	Decal - Hertz **(SN 0300138358 through 0300147214)**	
	1001128883	Ref	Decal - Hertz **(SN 0300147215 to Present)**	
	1001098897	Ref	Decal - FedEx	
	1703175	1	Decal - Lanyard Attach (GM K-1 Spec)	
	1702868	2	Decal - No Hands (English Language - Required on Platform with Mesh to Top)	
	1704000	2	Decal - No Hands (Dual Language French and English - Required on Platform with Mesh to Top)	
	1001095410	Ref	Decal - RSC Equipment Rental	
	0271114	Ref	Decal - Sunbelt	
	1001151114	Ref	Decal - Titan Rentals	
	0271897	Ref	Decal - United Rentals	
	1001141476	Ref	Decal - Volvo Rentals	
	4420051	Ref	Decal - Warning Stripes	
		Ref	**Electrical Connector Kits**	
	1001148902	Ref	Amp/Tyco Electrical Connector Kit	
	1001148903	Ref	Deutsch DT Electrical Connector Kit	
	1001148904	Ref	Deutsch HD Electrical Connector Kit	
	1001148905	Ref	Packard Electrical Connector Kit	
	1001148906	Ref	Various Electrical Connectors Kit	
		Ref	**Fluids and Lubricants**	
	3020008	Ref	Lube, Gear 80W-90 (Drive Hub)	
	3020037	Ref	Lube, Coupling (Drive Coupling)	
	0100048	Ref	Grease, Dielectric (Electrical Connections)	
	3020037	Ref	Grease, Electrical (Battery Terminals)	
	3020022	Ref	Grease, White Lithium (Boom Wear Pads)	
		Ref	Hydraulic Fluids (Hydraulic Tank)	
	2300014	Ref	Mobil 424	
		Ref	Mobil DTE 10 Excel 15 Options:	
	2300028	Ref	Bulk	
	70010346	Ref	One Gallon Container	
	2300027	Ref	Mobil 224H Biodegradeable	
	2300042	Ref	Mobil EAL 32 (Synthetic Biodegradeable)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2300019	Ref	QuintoLubric 888-46 (Synthetic Biodegradeable)	
		Ref	**Footswitch Shield Installation**	
	4060959	1	Shield, Footswitch	
	1001151286	Ref	**Jib Cylinder Replacement Kit**	
	1001148971	Ref	**Lanyard (Bolt On) Kit Installation**	
	0257728	Ref	**Pipe Jacks Installations (ANSI Spec Only)**	
	0258703	Ref	**Platform Cover Installation**	
		Ref	**Platform Entry Kits**	
	1001142504	Ref	**Drop Bar (Replacing Swing Gate with Drop Bar)**	
	1001142505	Ref	**Swing Gate (Replacing Drop Bar with Swing Gate)**	
	0273147	Ref	**Platform Mesh to Top Rail Installation (ANSI, CSA and UL Specs Only)**	
	1001099635	Ref	**Security Lock (Programmable) Installations (CE Spec Only)**	
	1001103617	Ref	**Platform Rail Extension (30 x 48) (2.5ft x 4ft) (0.70m x 1.22m)**	
		Ref	**SkyGuard Component**	
	1001143669	Ref	SkyGuard Complete Add-On Kit (UGM Machines)	
	1001137672	Ref	SkyGuard Platform Sensor Kit (UGM Machines)	
	1001176372	Ref	SkyGuard Plug Removal Kit	
	1001143256	Ref	SkyGuard Blue Beacon Kit	
		Ref	**Tools for Service**	
	2901443	1	Analyzer Kit	
	8896941	1	Wire Stripper	
	7002821	1	Wire Crimper (To install wire ends to wires)	
	7002823	1	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	
	4460467	1	Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	1	Screwdriver, Magnetic	
	7004275	1	Seal Installation Tool - 1in	
	7004276	1	Seal Installation Tool - 1 1/2in	
	7002826	1	Seal Installation Tool - 2in	
	7016655	1	Wire Rope Sheave Gauge	
	2915230	1	Battery Charger Reprogram Controller	
	1001137005	1	Software Cable Kit	
	0259044	Ref	**Weld Leads Installations (E300AJ without UL Specs Only)**	

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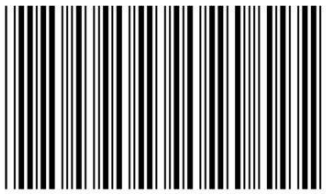

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